

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

B_{RIDGE}

I_{NSPECTION}

R_{ECORDS}

I_{NFORMATION}

S_{YSTEM}

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06Fre41R12.1/R20.7479489

Patricia S. Preston

REGISTERED ENGINEER-CIVIL

1-27-97

PLANS APPROVAL DATE

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NO AS BUILT CORRECTIONS

AS BUILT

CORRECTIONS BY DAVID VALLEJOS

CONTRACT NO. 06-342.124

DATE 3-9-99

REGISTERED PROFESSIONAL ENGINEER

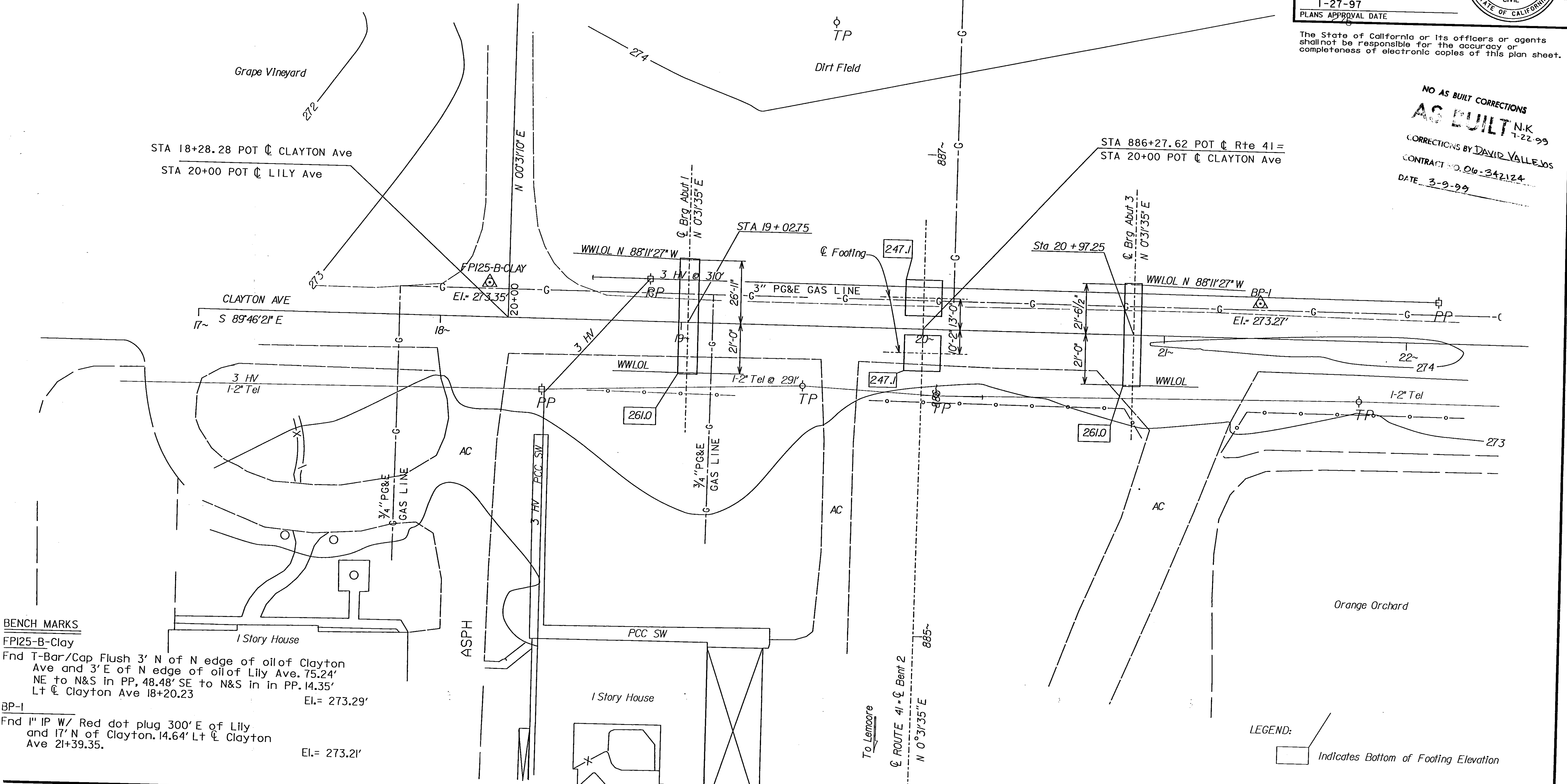
PATRICIA S. PRESTON

No. 49591

Exp. 9-30-96

CIVIL

STATE OF CALIFORNIA



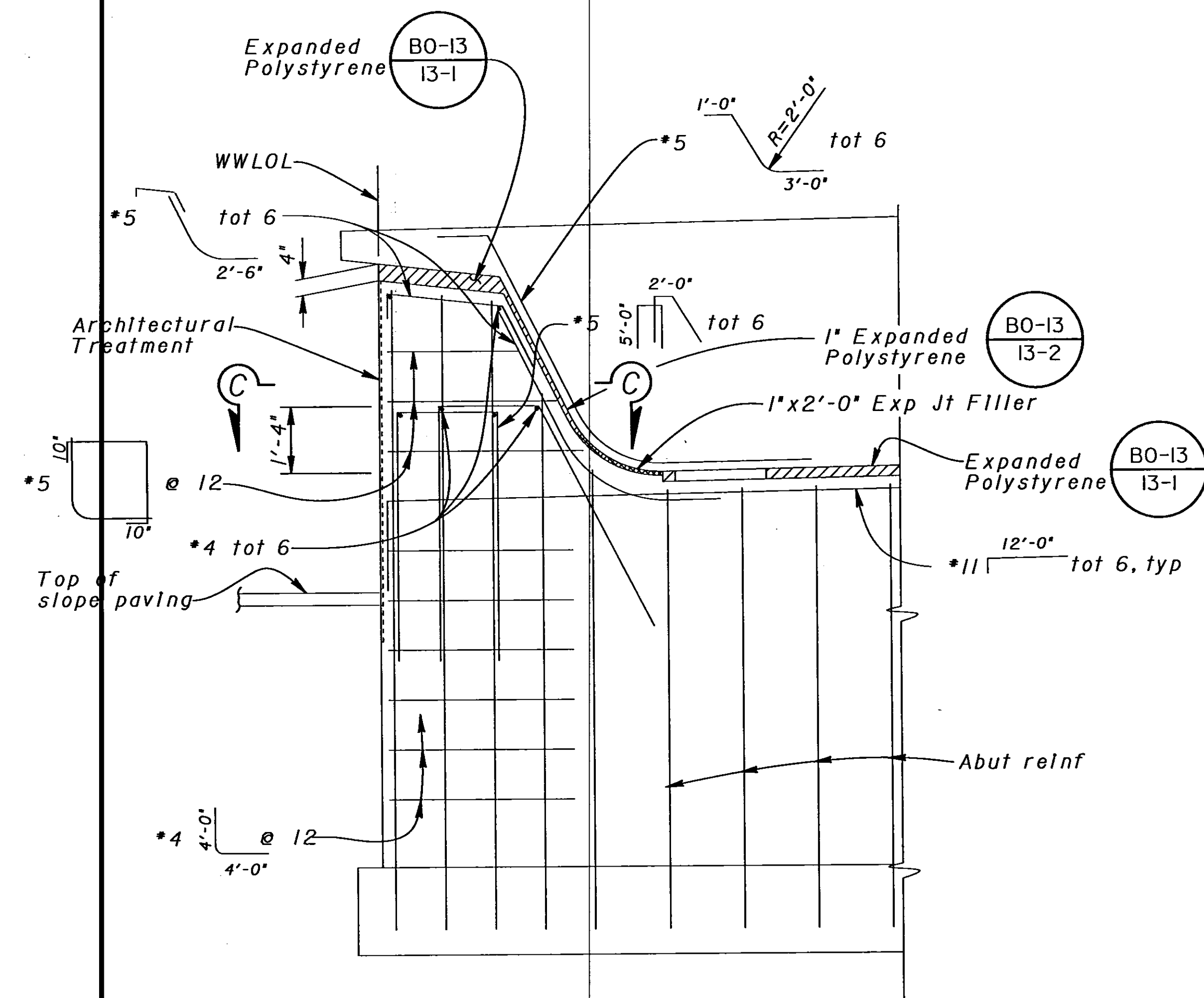
BENCH MARKS
FPI25-B-Clay
Fnd T-Bar/Cap Flush 3' N of N edge of oil of Clayton Ave and 3' E of N edge of oil of Lily Ave. 75.24'
NE to N&S in PP, 48.48' SE to N&S in in PP. 14.35'
Lt & Clayton Ave 18+20.23
El.= 273.29'
BP-1
Fnd 1" IP W/ Red dot plug 300' E of Lily and 17' N of Clayton. 14.64' Lt & Clayton Ave 21+39.35.
El.= 273.21'

PRELIMINARY INVESTIGATION SECTION															
E 1"=20'	DATUM MSL, 1929	PHOTOGRAMMETRY AS OF:		DESIGN	BY Pat Preston	CHECKED Overcomer Hor	STATE OF CALIFORNIA DIVISION OF STRUCTURES STRUCTURES DESIGN 8	BRIDGE NO. 42-152 POST MILE R16.6	CLAYTON AVENUE OVERCROSSING FOUNDATION PLAN						
		SURVEYED	BY Dist 9/88	DETAILS	BY Roberta Lim	CHECKED Overcomer Hor									
		FIELD CHECKED	BY PJC 1/96	QUANTITIES	BY Pat Preston	CHECKED John Satter									
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS							0 1 2 3	CU 06227 EA 342121		DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET
										3-28-96 3-28-96 4-8-96 7-5-96				3	13

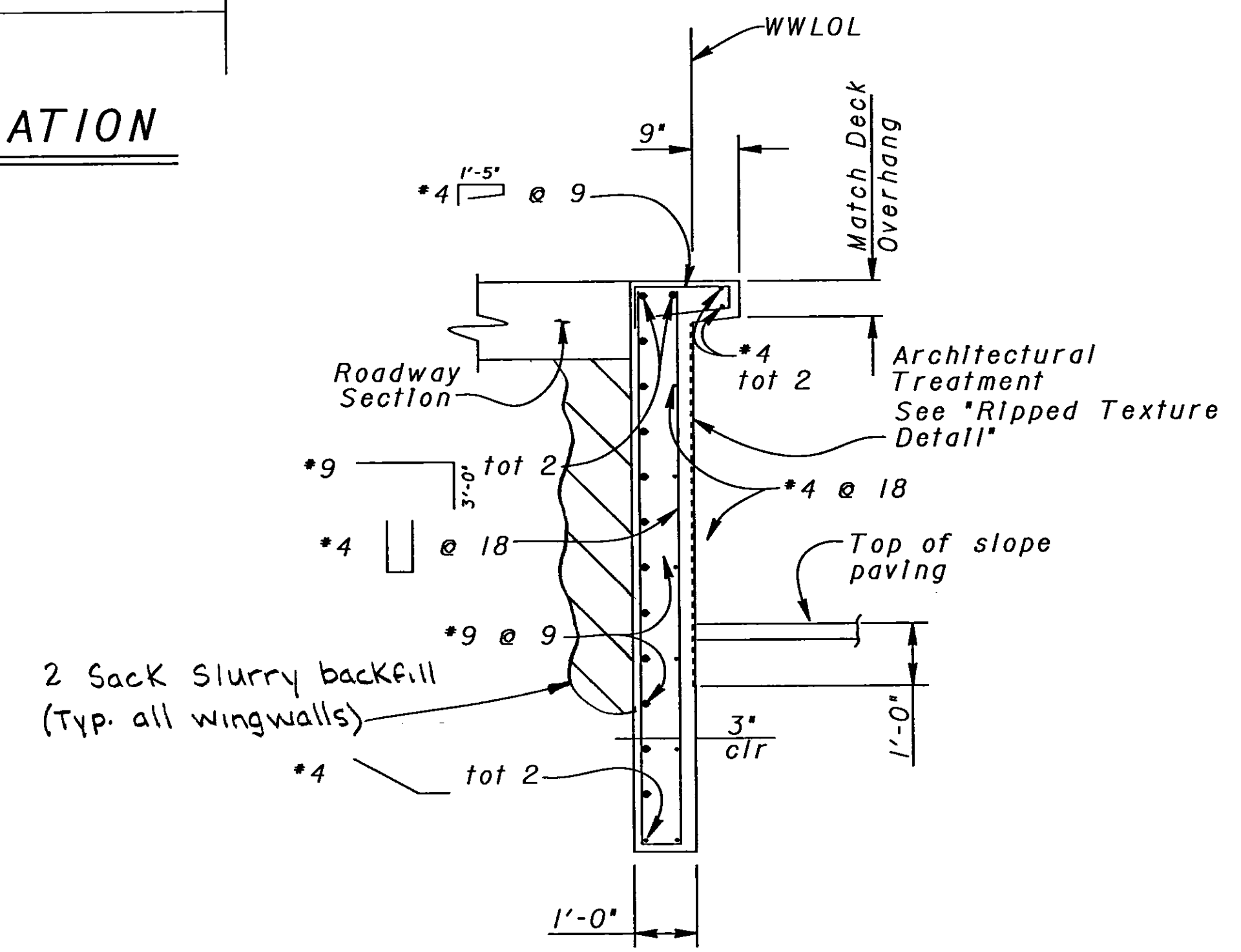
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fre	41	R12.1/R20.7	481	489

<i>Patricia S. Preston</i> REGISTERED ENGINEER - CIVIL No. 49591 Exp. 9-30-96 CIVIL STATE OF CALIFORNIA	
1-27-97	
PLANS APPROVAL DATE	

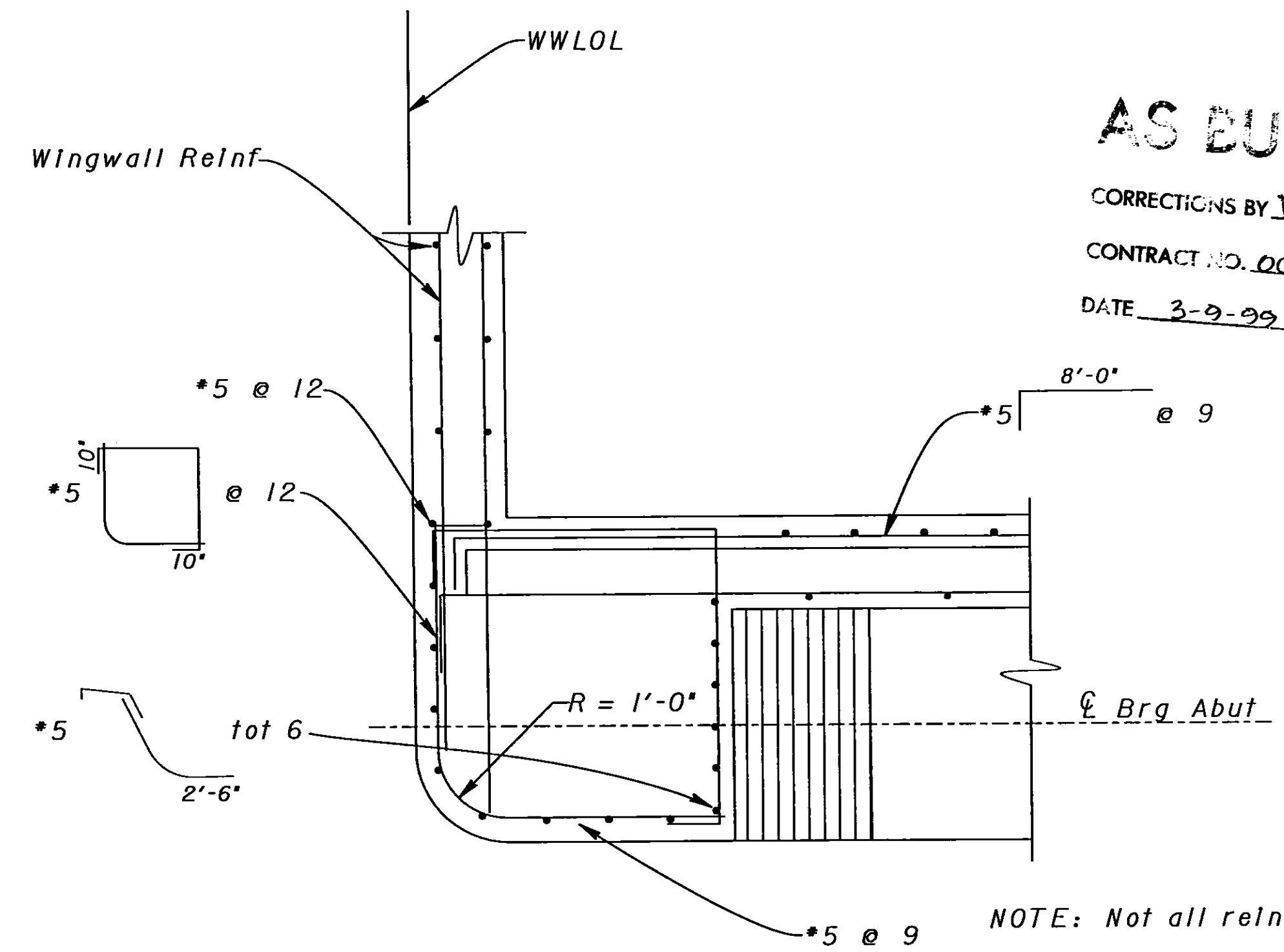
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PART ELEVATION
 $\frac{1}{2}" = 1'-0"$

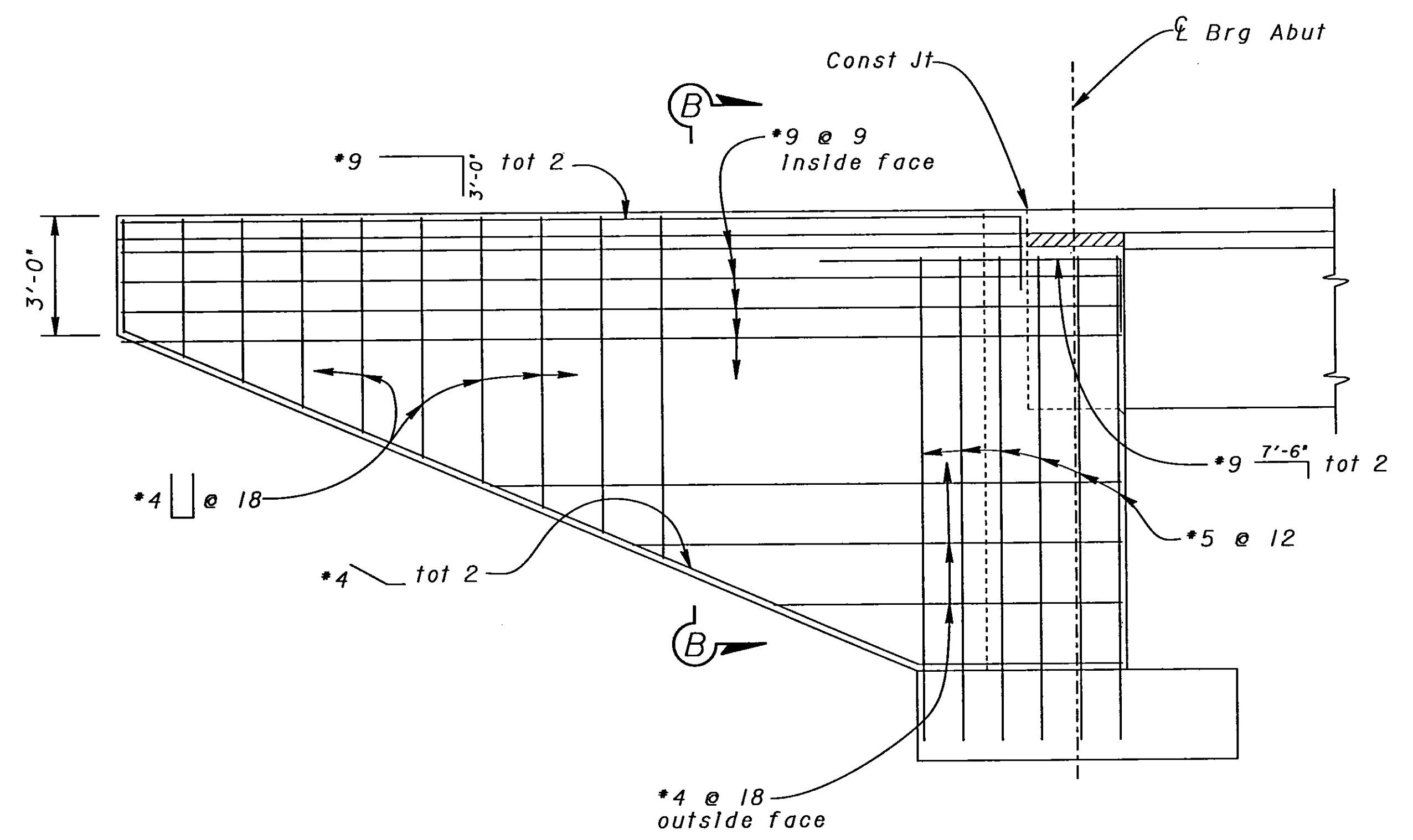


SECTION B-B
 $\frac{1}{2}" = 1'-0"$



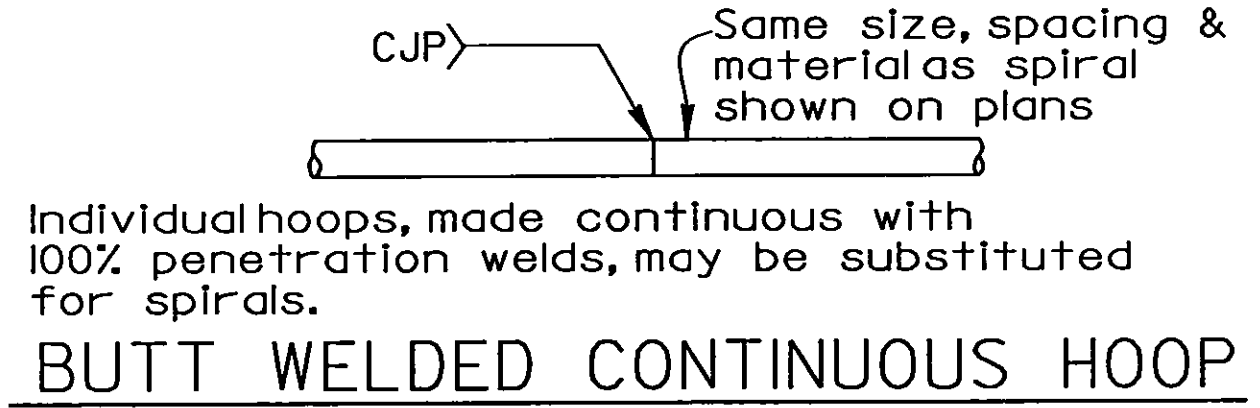
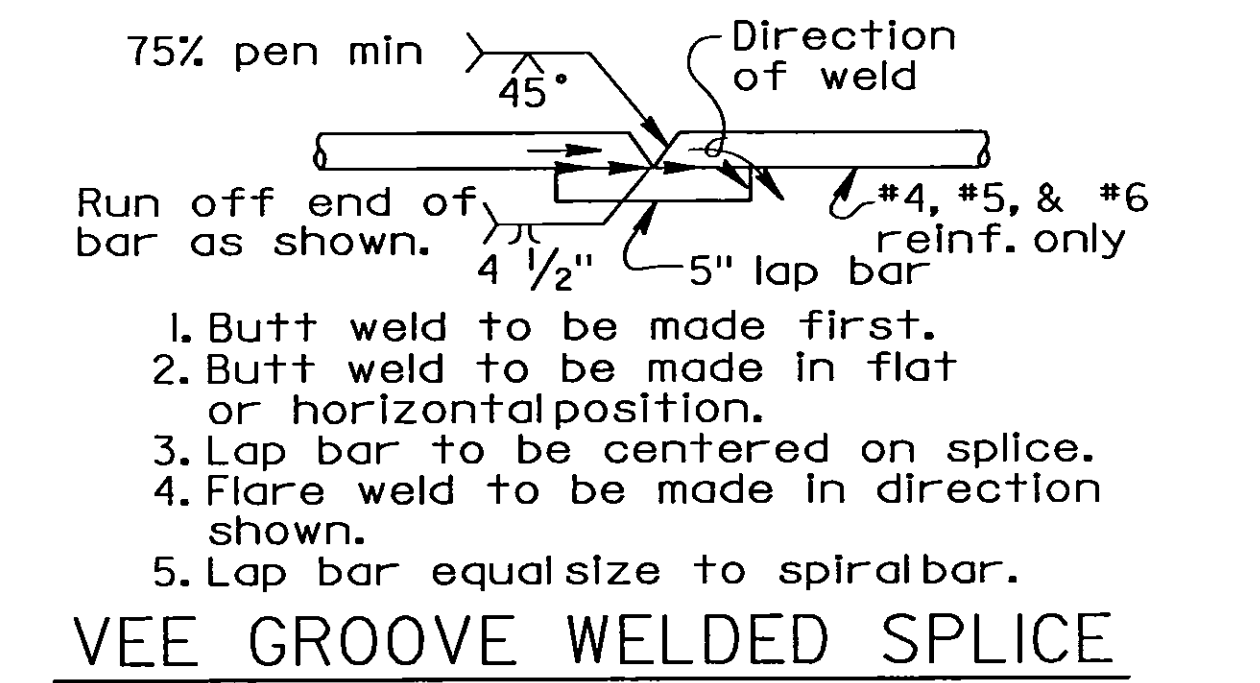
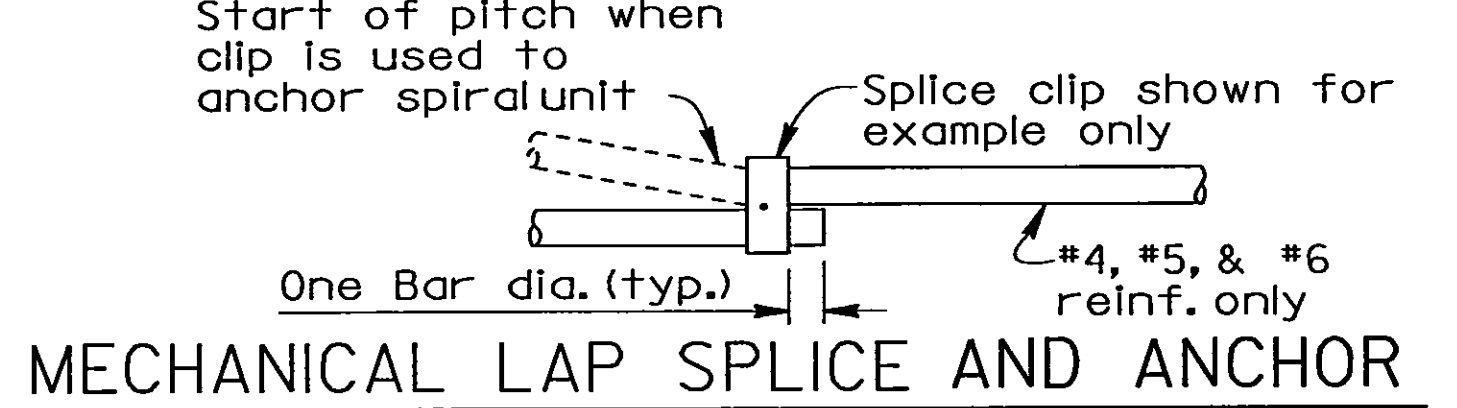
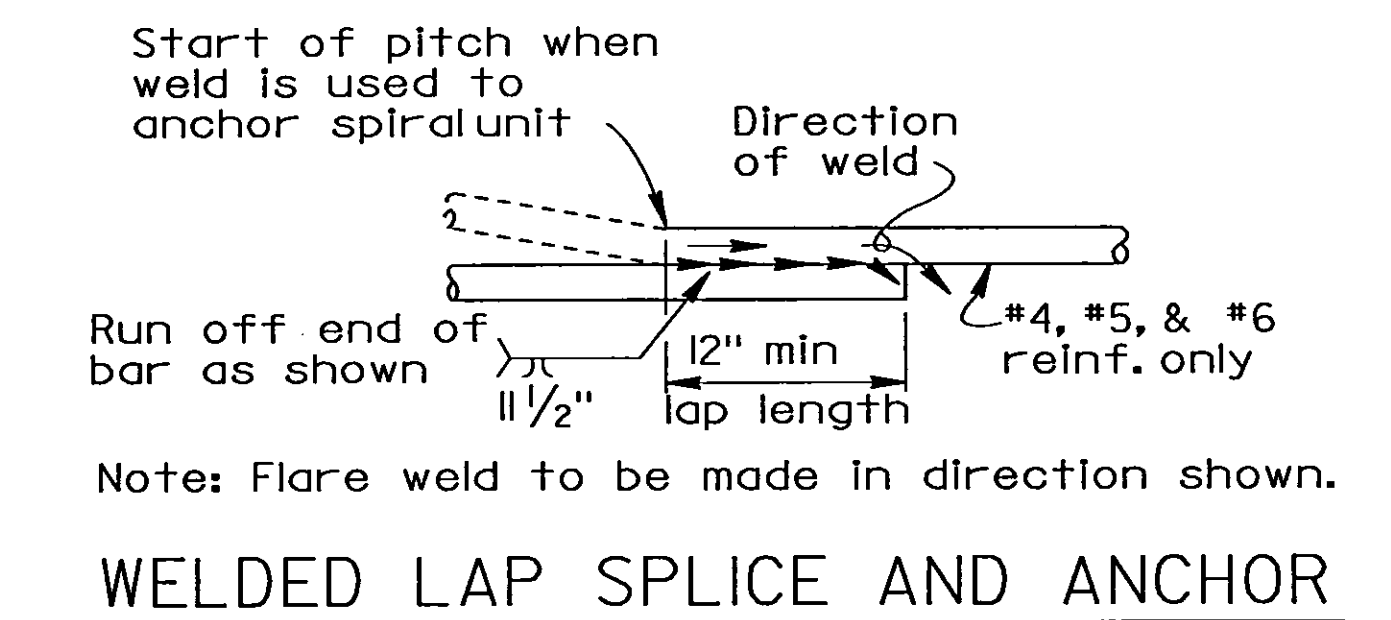
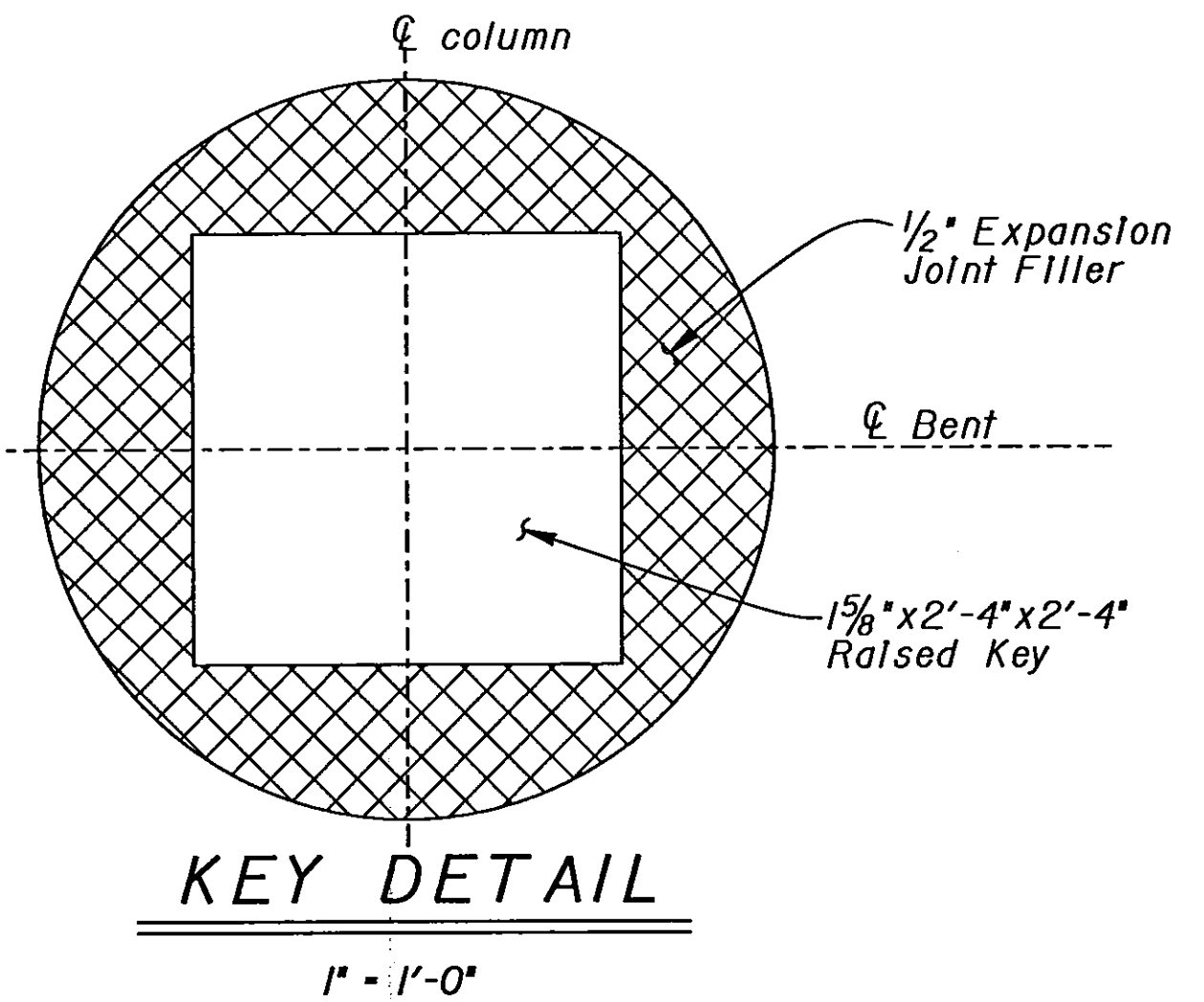
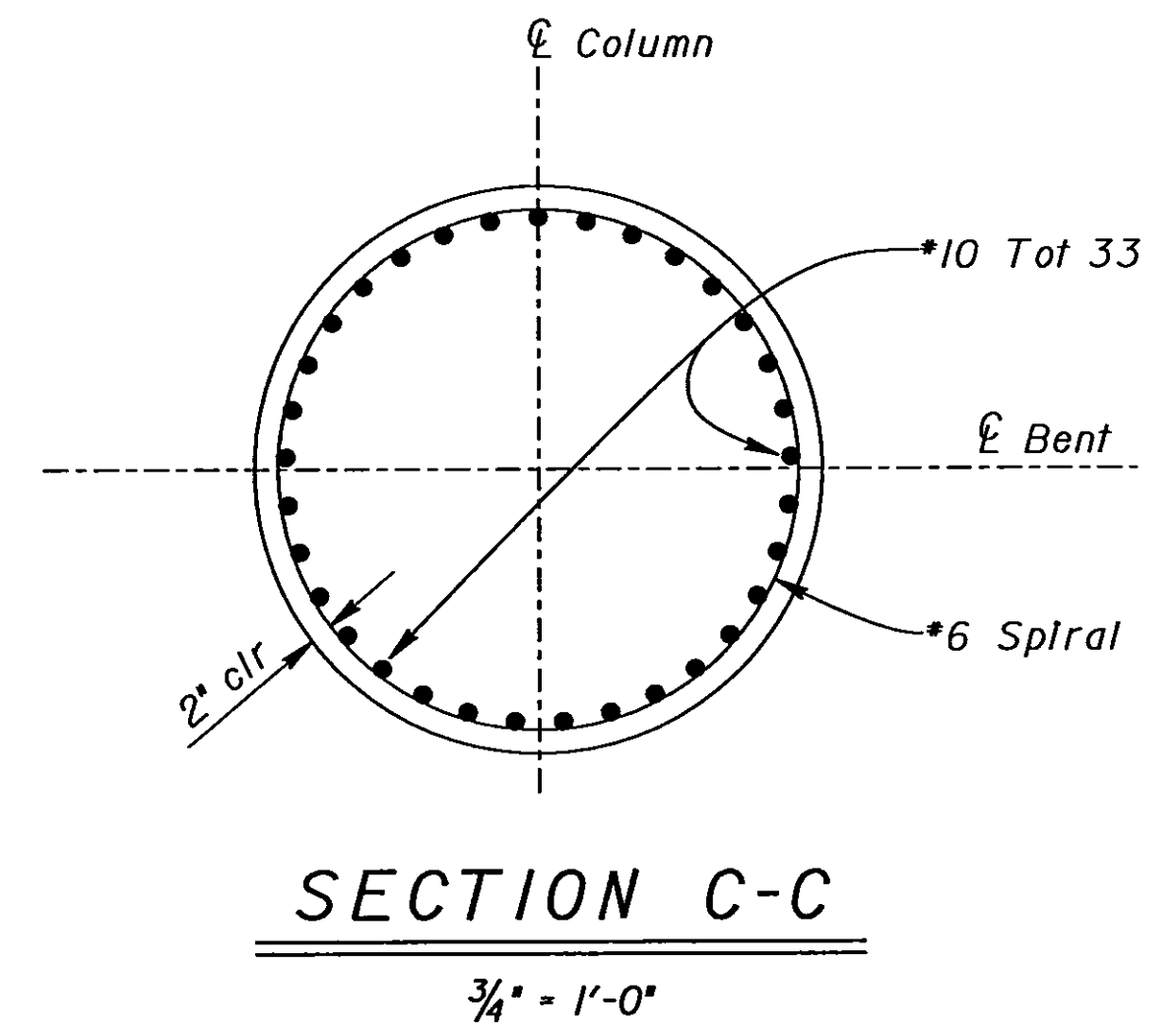
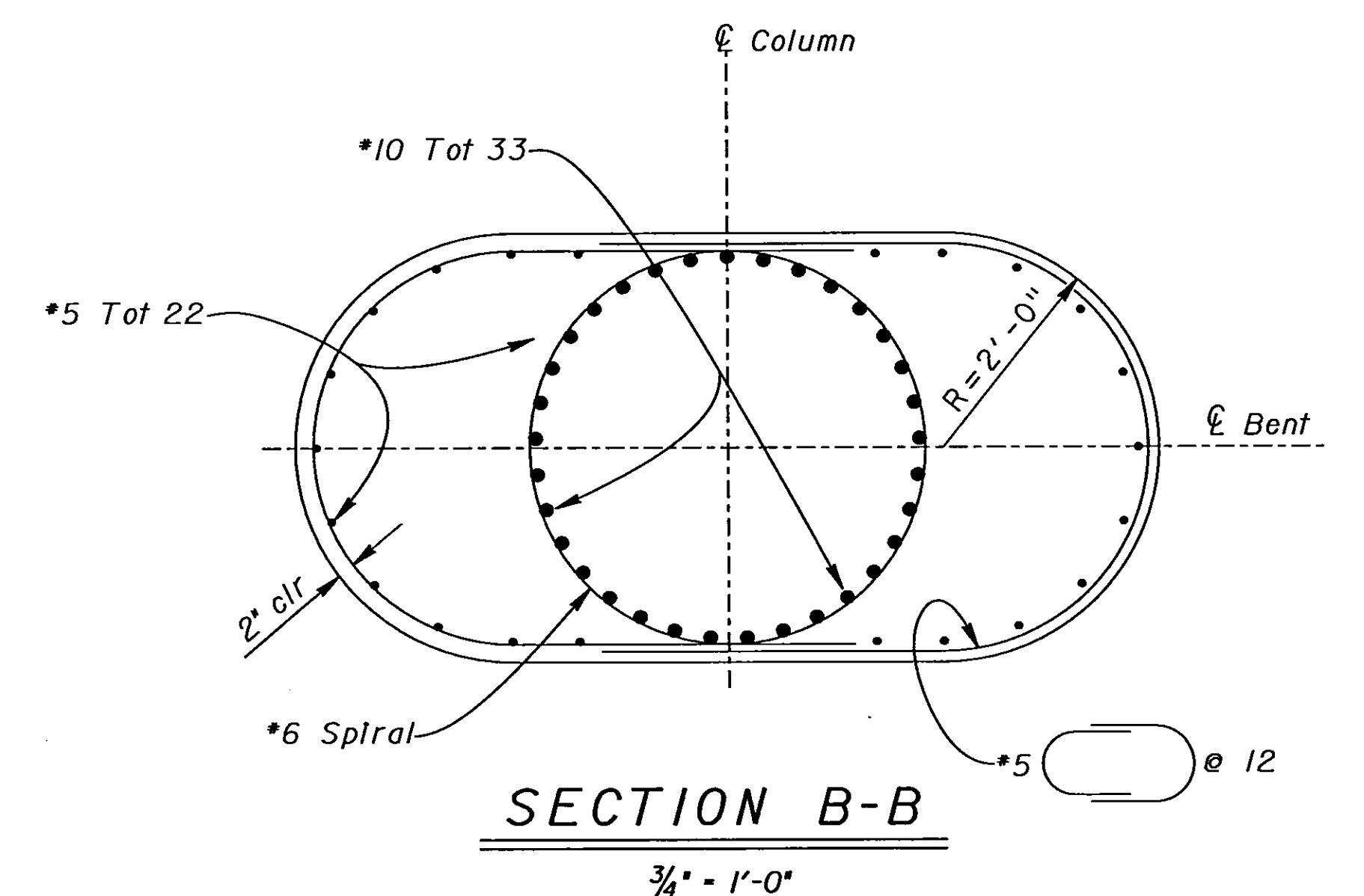
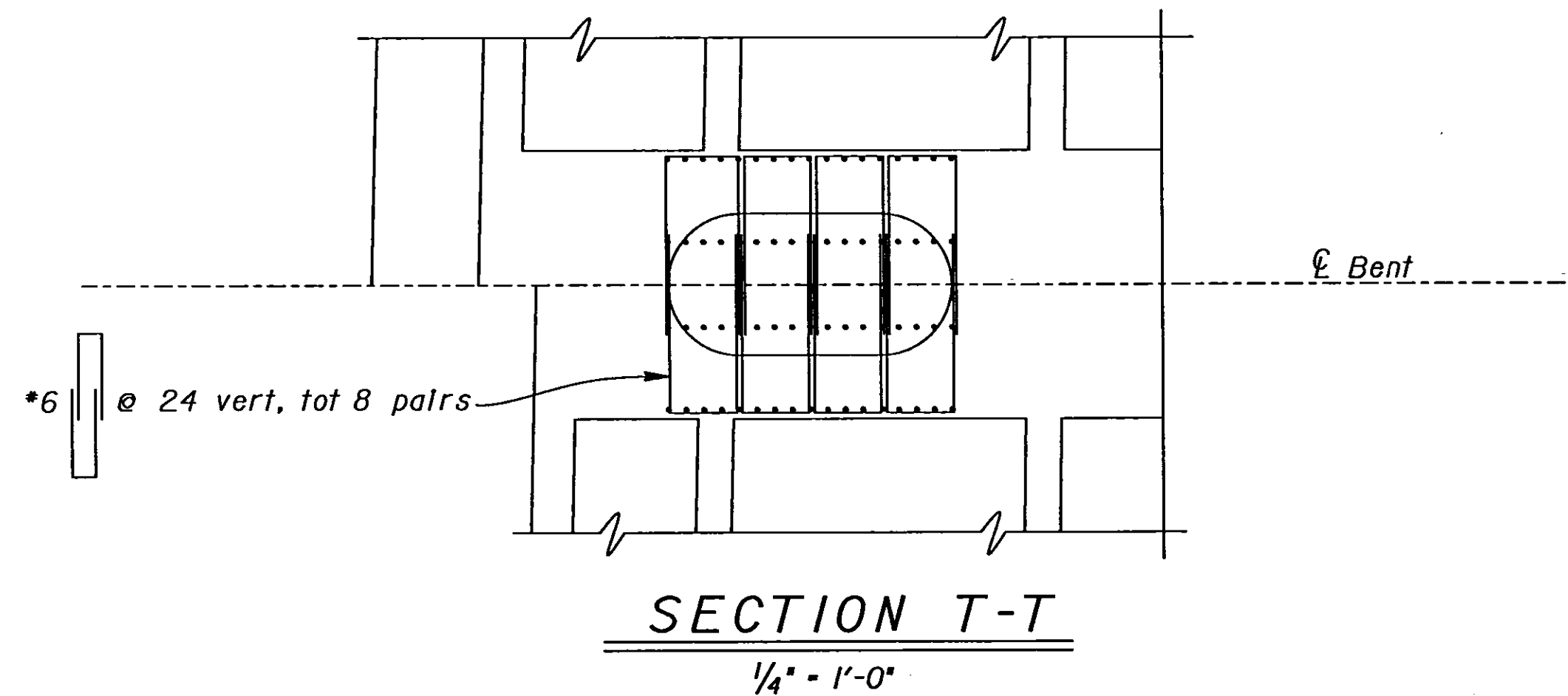
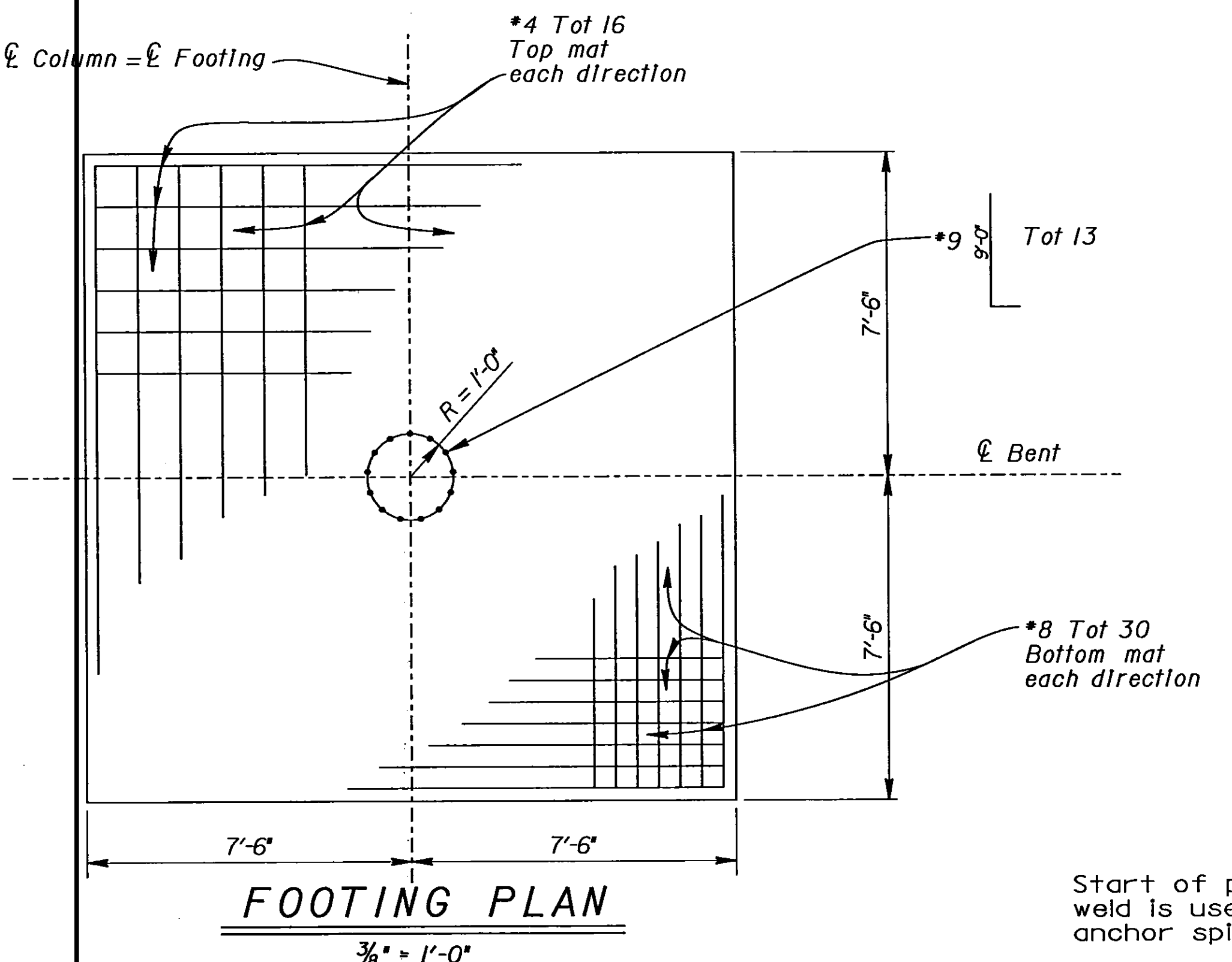
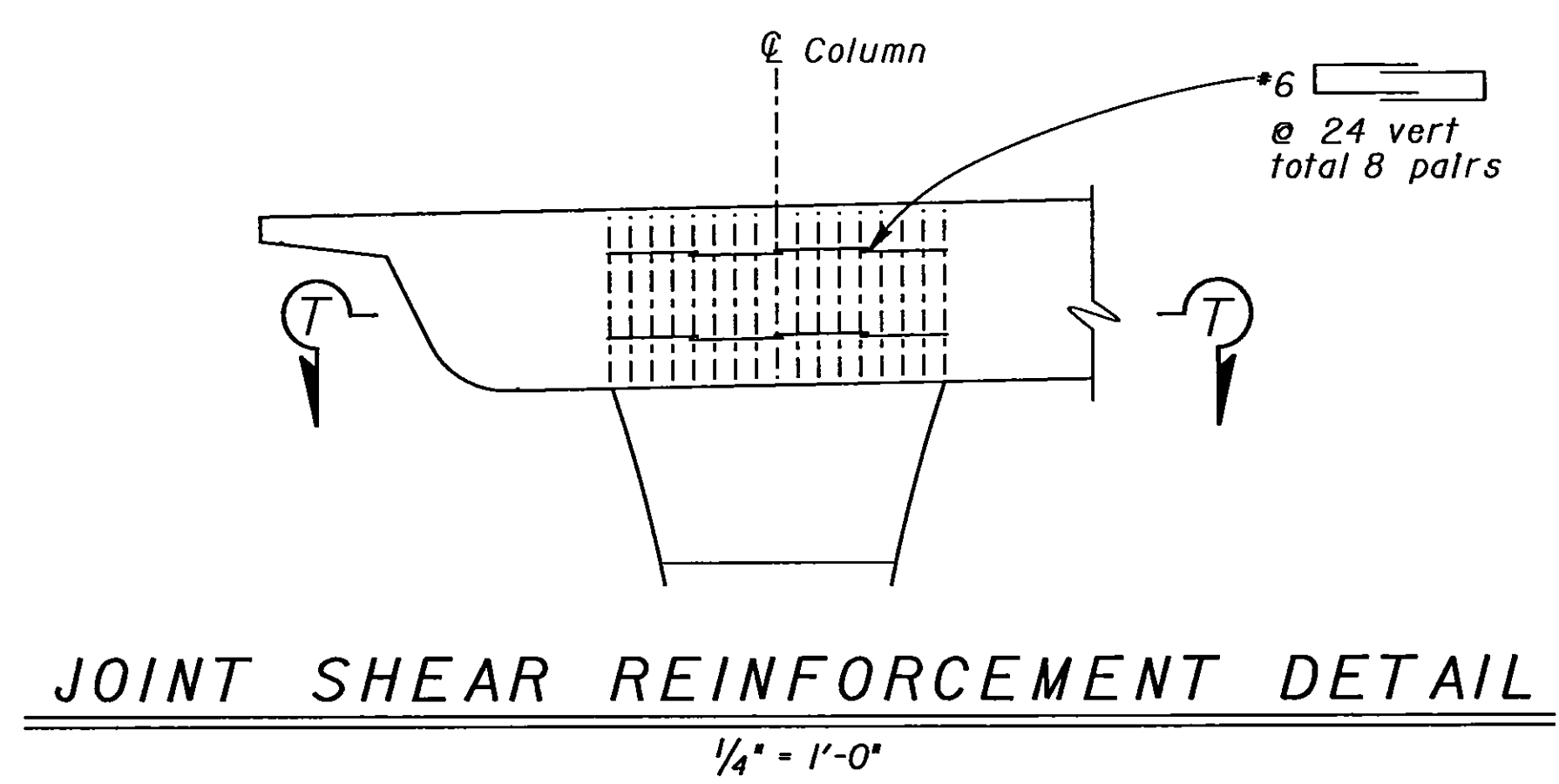
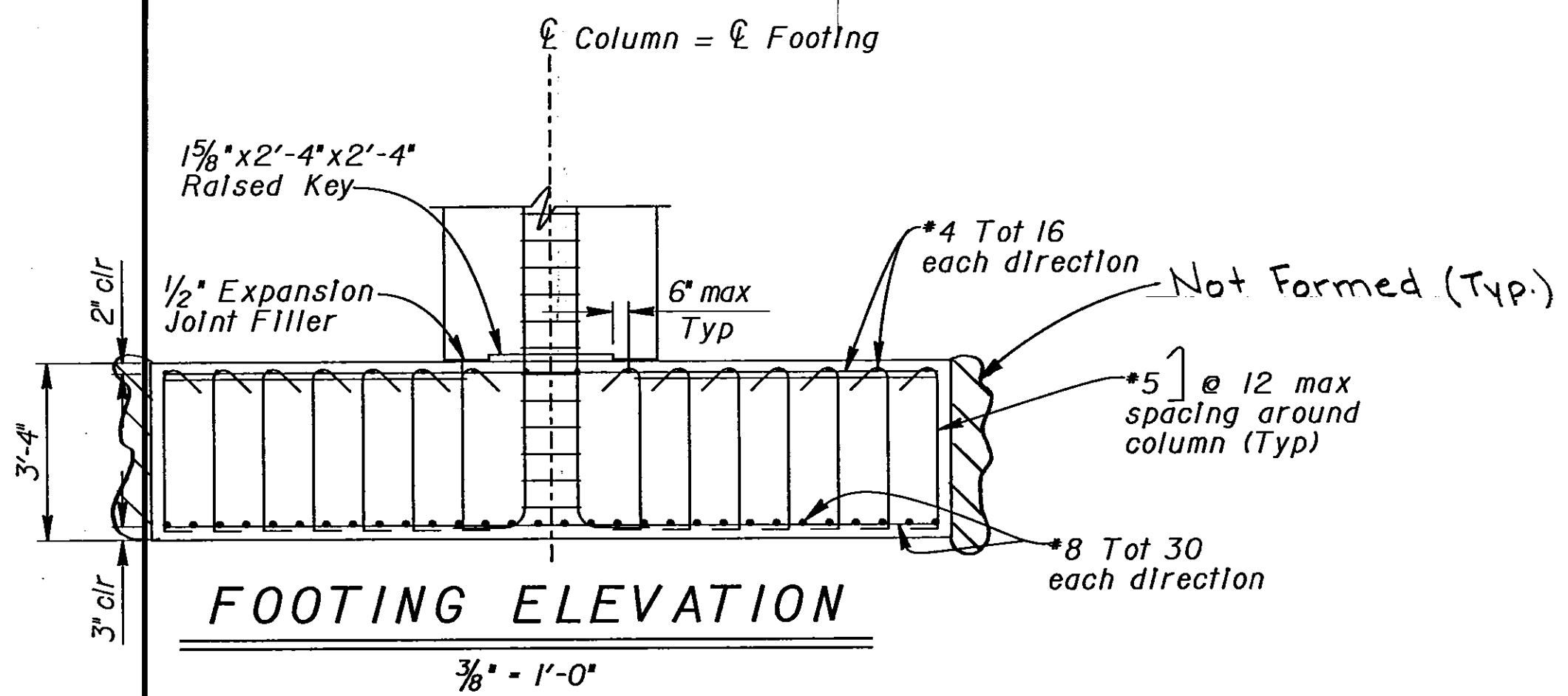
SECTION C-C
 $\frac{1}{2}" = 1'-0"$

NOTE: Not all reinforcement shown.



WINGWALL ELEVATION
 $\frac{3}{8}" = 1'-0"$

DS OSD 2139 (MAY 9/95)			DESIGN BY Pat Preston DETAILS BY Roberta Lim QUANTITIES BY Pat Preston	CHECKED Overcomer Hor CHECKED Overcomer Hor CHECKED John Satter	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 42-152 POST MILE R16.6 DIVISION OF STRUCTURES STRUCTURE DESIGN 8	CLAYTON AVENUE OVERCROSSING ABUTMENT DETAILS NO. 1	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 3-8-96 4-2-96 4-8-96	SHEET 5 OF 13
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NOTE: For location of Section B-B and Section C-C, see "BENT DETAILS NO. 1" sheet.

BAR SPIRAL SPLICE & SPIRAL ANCHOR AND HOOP DETAIL

		DESIGN	BY Pat Preston	CHECKED Overcomer Hor	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO.	CLAYTON AVENUE OVERCROSSING																	
		DETAILS	BY Roberta Lim	CHECKED Overcomer Hor			42-152	BENT DETAILS NO. 2																	
		QUANTITIES	BY Pat Preston	CHECKED John Satter			POST MILE																		
											R16.6														
DS OSD 2139 (CAUSD 9/95)					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3			CU 06227 EA 342121			DISREGARD PRINTS BEARING EARLIER REVISION DATES			REVISION DATES (PRELIMINARY STAGE ONLY)							SHEET	OF
														1/8" 1/4" 3/8" 1/2" 5/8" 1" 1 1/8" 1 1/4" 1 3/8" 1 1/2" 1 5/8" 1 3/4" 1 7/8" 2" 2 1/8" 2 1/4" 2 1/2" 2 5/8" 2 3/4" 2 7/8" 3" 3 1/8" 3 1/4" 3 1/2" 3 5/8" 3 3/4" 3 7/8" 4" 4 1/8" 4 1/4" 4 1/2" 4 5/8" 4 3/4" 4 7/8" 5" 5 1/8" 5 1/4" 5 1/2" 5 5/8" 5 3/4" 5 7/8" 6" 6 1/8" 6 1/4" 6 1/2" 6 5/8" 6 3/4" 6 7/8" 7" 7 1/8" 7 1/4" 7 1/2" 7 5/8" 7 3/4" 7 7/8" 8" 8 1/8" 8 1/4" 8 1/2" 8 5/8" 8 3/4" 8 7/8" 9" 9 1/8" 9 1/4" 9 1/2" 9 5/8" 9 3/4" 9 7/8" 10" 10 1/8" 10 1/4" 10 1/2" 10 5/8" 10 3/4" 10 7/8" 11" 11 1/8" 11 1/4" 11 1/2" 11 5/8" 11 3/4" 11 7/8" 12" 12 1/8" 12 1/4" 12 1/2" 12 5/8" 12 3/4" 12 7/8" 13" 13 1/8" 13 1/4" 13 1/2" 13 5/8" 13 3/4" 13 7/8" 14" 14 1/8" 14 1/4" 14 1/2" 14 5/8" 14 3/4" 14 7/8" 15" 15 1/8" 15 1/4" 15 1/2" 15 5/8" 15 3/4" 15 7/8" 16" 16 1/8" 16 1/4" 16 1/2" 16 5/8" 16 3/4" 16 7/8" 17" 17 1/8" 17 1/4" 17 1/2" 17 5/8" 17 3/4" 17 7/8" 18" 18 1/8" 18 1/4" 18 1/2" 18 5/8" 18 3/4" 18 7/8" 19" 19 1/8" 19 1/4" 19 1/2" 19 5/8" 19 3/4" 19 7/8" 20" 20 1/8" 20 1/4" 20 1/2" 20 5/8" 20 3/4" 20 7/8" 21" 21 1/8" 21 1/4" 21 1/2" 21 5/8" 21 3/4" 21 7/8" 22" 22 1/8" 22 1/4" 22 1/2" 22 5/8" 22 3/4" 22 7/8" 23" 23 1/8" 23 1/4" 23 1/2" 23 5/8" 23 3/4" 23 7/8" 24" 24 1/8" 24 1/4" 24 1/2" 24 5/8" 24 3/4" 24 7/8" 25" 25 1/8" 25 1/4" 25 1/2" 25 5/8" 25 3/4" 25 7/8" 26" 26 1/8" 26 1/4" 26 1/2" 26 5/8" 26 3/4" 26 7/8" 27" 27 1/8" 27 1/4" 27 1/2" 27 5/8" 27 3/4" 27 7/8" 28" 28 1/8" 28 1/4" 28 1/2" 28 5/8" 28 3/4" 28 7/8" 29" 29 1/8" 29 1/4" 29 1/2" 29 5/8" 29 3/4" 29 7/8" 30" 30 1/8" 30 1/4" 30 1/2" 30 5/8" 30 3/4" 30 7/8" 31" 31 1/8" 31 1/4" 31 1/2" 31 5/8" 31 3/4" 31 7/8" 32" 32 1/8" 32 1/4" 32 1/2" 32 5/8" 32 3/4" 32 7/8" 33" 33 1/8" 33 1/4" 33 1/2" 33 5/8" 33 3/4" 33 7/8" 34" 34 1/8" 34 1/4" 34 1/2" 34 5/8" 34 3/4" 34 7/8" 35" 35 1/8" 35 1/4" 35 1/2" 35 5/8" 35 3/4" 35 7/8" 36" 36 1/8" 36 1/4" 36 1/2" 36 5/8" 36 3/4" 36 7/8" 37" 37 1/8" 37 1/4" 37 1/2" 37 5/8" 37 3/4" 37 7/8" 38" 38 1/8" 38 1/4" 38 1/2" 38 5/8" 38 3/4" 38 7/8" 39" 39 1/8" 39 1/4" 39 1/2" 39 5/8" 39 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1/2" 97 5/8" 97 3/4" 97 7/8" 98" 98 1/8" 98 1/4" 98 1/2" 98 5/8" 98 3/4" 98 7/8" 99" 99 1/8" 99 1/4" 99 1/2" 99 5/8" 99 3/4" 99 7/8" 100" 100 1/8" 100 1/4" 100 1/2" 100 5/8" 100 3/4" 100 7/8" 101" 101 1/8" 101 1/4" 101 1/2" 101 5/8" 101 3/4" 101 7/8" 102" 102 1/8" 102 1/4" 102 1/2" 102 5/8" 102 3/4" 102 7/8" 103" 103 1/8" 103 1/4" 103 1/2" 103 5/8" 103 3/4" 103 7/8" 104" 104 1/8" 104 1/4" 104 1/2" 104 5/8" 104 3/4" 104 7/8" 105" 105 1/8" 105 1/4" 105 1/2" 105 5/8" 105 3/4" 105 7/8" 106" 106 1/8" 106 1/4" 106 1/2" 106 5/8" 106 3/4" 106 7/8" 107" 107 1/8" 107 1/4" 107 1/2" 107 5/8" 107 3/4" 107 7/8" 108" 108 1/8" 108 1/4" 108 1/2" 108 5/8" 108 3/4" 108 7/8" 109" 109 1/8" 109 1/4" 109 1/2" 109 5/8" 109 3/4" 109 7/8" 110" 110 1/8" 110 1/4" 110 1/2" 110 5/8" 110 3/4" 110 7/8" 111" 111 1/8" 111 1/4" 111 1/2" 111 5/8" 111 3/4" 111 7/8" 112" 112 1/8" 112 1/4" 112 1/2" 112 5/8" 112 3/4" 112 7/8" 113" 113 1/8" 113 1/4" 113 1/2" 113 5/8" 113 3/4" 113 7/8" 114" 114 1/8" 114 1/4" 114 1/2" 114 5/8" 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5/8" 131 3/4" 131 7/8" 132" 132 1/8" 132 1/4" 132 1/2" 132 5/8" 132 3/4" 132 7/8" 133" 133 1/8" 133 1/4" 133 1/2" 133 5/8" 133 3/4" 133 7/8" 134" 134 1/8" 134 1/4" 134 1/2" 134 5/8" 134 3/4" 134 7/8" 135" 135 1/8" 135 1/4" 135 1/2" 135 5/8" 135 3/4" 135 7/8" 136" 136 1/8" 136 1/4" 136 1/2" 136 5/8" 136 3/4" 136 7/8" 137" 137 1/8" 137 1/4" 137 1/2" 137 5/8" 137 3/4" 137 7/8" 138" 138 1/8" 138 1/4" 138 1/2" 138 5/8" 138 3/4" 138 7/8" 139" 139 1/8" 139 1/4" 139 1/2" 139 5/8" 139 3/4" 139 7/8" 140" 140 1/8" 140 1/4" 140 1/2" 140 5/8" 140 3/4" 140 7/8" 141" 141 1/8" 141 1/4" 141 1/2" 141 5/8" 141 3/4" 141 7/8" 142" 142 1/8" 142 1/4" 142 1/2" 142 5/8" 142 3/4" 142 7/8" 143" 143 1/8" 143 1/4" 143 1/2" 143 5/8" 143 3/4" 143 7/8" 144" 144 1/8" 144 1/4" 144 1/2" 144 5/8" 144 3/4" 144 7/8" 145" 145 1/8" 145 1/4" 145 1/2" 145 5/8" 145 3/4" 145 7/8" 146" 146 1/8" 146 1/4" 146 1/2" 146 5/8" 146 3/4" 146 7/8" 147" 147 1/8" 147 1/4" 147 1/2" 147 5/8" 147 3/4" 147 7/8" 148" 148 1/8" 148 1/4" 148 1/2" 148 5/8" 148 3/4" 148 7/8" 149" 149 1/8" 149 1/4" 149 1/2" 149 5/8" 149 3/4" 149 7/8" 150" 150 1/8" 150 1/4" 150 1/2" 150 5/8" 150 3/4" 150 7/8" 151" 151 1/8" 151 1/4" 151 1/2" 151 5/8" 151 3/4" 151 7/8" 152" 152 1/8" 152 1/4" 152 1/2" 152 5/8" 152 3/4" 152 7/8" 153" 153 1/8" 153 1/4" 153 1/2" 153 5/8" 153 3/4" 153 7/8" 154" 154 1/8" 154 1/4" 154 1/2" 154 5/8" 154 3/4" 154 7/8" 155" 155 1/8" 155 1/4" 155 1/2" 155 5/8" 155 3/4" 155 7/8" 156" 156 1/8" 156 1/4" 156 1/2" 156 5/8" 156 3/4" 156 7/8" 157" 157 1/8" 157 1/4" 157 1/2" 157 5/8" 157 3/4" 157 7/8" 158" 158 1/8" 158 1/4" 158 1/2" 158 5/8" 158 3/4" 158 7/8" 159" 159 1/8" 159 1/4" 159 1/2" 159 5/8" 159 3/4" 159 7/8" 160" 160 1/8" 160 1/4" 160 1/2" 160 5/8" 160 3/4" 160 7/8" 161" 161 1/8" 161 1/4" 161 1/2" 161 5/8" 161 3/4" 161 7/8" 162" 162 1/8" 162 1/4" 162 1/2" 162 5/8" 162 3/4" 162 7/8" 163" 163 1/8" 163 1/4" 163 1/2" 163 5/8" 163 3/4" 163 7/8" 164" 164 1/8" 164 1/4" 164 1/2" 164 5/8" 164 3/4" 164 7/8" 165" 165 1/8" 165 1/4" 165 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182 1/2" 182 5/8" 182 3/4" 182 7/8" 183" 183 1/8" 183 1/4" 183 1/2" 183 5/8" 183 3/4" 183 7/8" 184" 184 1/8" 184 1/4" 184 1/2" 184 5/8" 184 3/4" 184 7/8" 185" 185 1/8" 185 1/4" 185 1/2" 185 5/8" 185 3/4" 185 7/8" 186" 186 1/8" 186 1/4" 186 1/2" 186 5/8" 186 3/4" 186 7/8" 187" 187 1/8" 187 1/4" 187 1/2" 187 5/8" 187 3/4" 187 7/8" 188" 188 1/8" 188 1/4" 188 1/2" 188 5/8" 188 3/4" 188 7/8" 189" 189 1/8" 189 1/4" 189 1/2" 189 5/8" 189 3/4" 189 7/8" 190" 190 1/8" 190 1/4" 190 1/2" 190 5/8" 190 3/4" 190 7/8" 191" 191 1/8" 191 1/4" 191 1/2" 191 5/8" 191 3/4" 191 7/8" 192" 192 1/8" 192 1/4" 192 1/2" 192 5/8" 192 3/4" 192 7/8" 193" 193 1/8" 193 1/4" 193 1/2" 193 5/8" 193 3/4" 193 7/8" 194" 194 1/8" 194 1/4" 194 1/2" 194 5/8" 194 3/4" 194 7/8" 195" 195 1/8" 195 1/4" 195 1/2" 195 5/8" 195 3/4" 195 7/8" 196" 196 1/8" 196 1/4" 196 1/2" 196 5/8" 196 3/4" 196 7/8" 197" 197 1/8" 197 1/4" 197 1/2" 197 5/8" 197 3/4" 197 7/8" 198" 198 1/8" 198 1/4" 198 1/2" 198 5/8" 198 3/4" 198 7/8" 199" 199 1/8" 199 1/4" 199 1/2" 199 5/8" 199 3/4" 199 7/8" 200" 200 1/8" 200 1/4" 200 1/2" 200 5/8" 200 3/4" 200 7/8" 201" 201 1/8" 201 1/4" 201 1/2" 201 5/8" 201 3/4" 201 7/8" 202" 202 1/8" 202 1/4" 202 1/2" 202 5/8" 202 3/4" 202 7/8" 203" 203 1/8" 203 1/4" 203 1/2" 203 5/8" 203 3/4" 203 7/8" 204" 204 1/8" 204 1/4" 204 1/2" 204 5/8" 204 3/4" 204 7/8" 205" 205 1/8" 205 1/4" 205 1/2" 205 5/8" 205 3/4" 205 7/8" 206" 206 1/8" 206 1/4" 206 1/2" 206 5/8" 206 3/4" 206 7/8" 207" 207 1/8" 207 1/4" 207 1/2" 207 5/8" 207 3/4" 207 7/8" 208" 208 1/8" 208 1/4" 208 1/2" 208 5/8" 208 3/4" 208 7/8" 209" 209 1/8" 209 1/4" 209 1/2" 209 5/8" 209 3/4" 209 7/8" 210" 210 1/8" 210 1/4" 210 1/2" 210 5/8" 210 3/4" 210 7/8" 211" 211 1/8" 211 1/4" 211 1/2" 211 5/8" 211 3/4" 211 7/8" 212" 212 1/8" 212 1/4" 212 1/2" 212 5/8" 212 3/4" 212 7/8" 213" 213 1/8" 213 1/4" 213 1/2" 213 5/8" 213 3/4" 213 7/8" 214" 214 1/8" 214 1/4" 214 1/2" 214 5/8" 214 3/4" 214 7/8" 215" 215 1/8" 215 1/4" 215 1/2" 215 5/8" 21											

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fre	41	R12.1/R20.7	488	489

<i>Patricia S. Preston</i> REGISTERED ENGINEER - CIVIL		
1-27-97		
PLANS APPROVAL DATE		

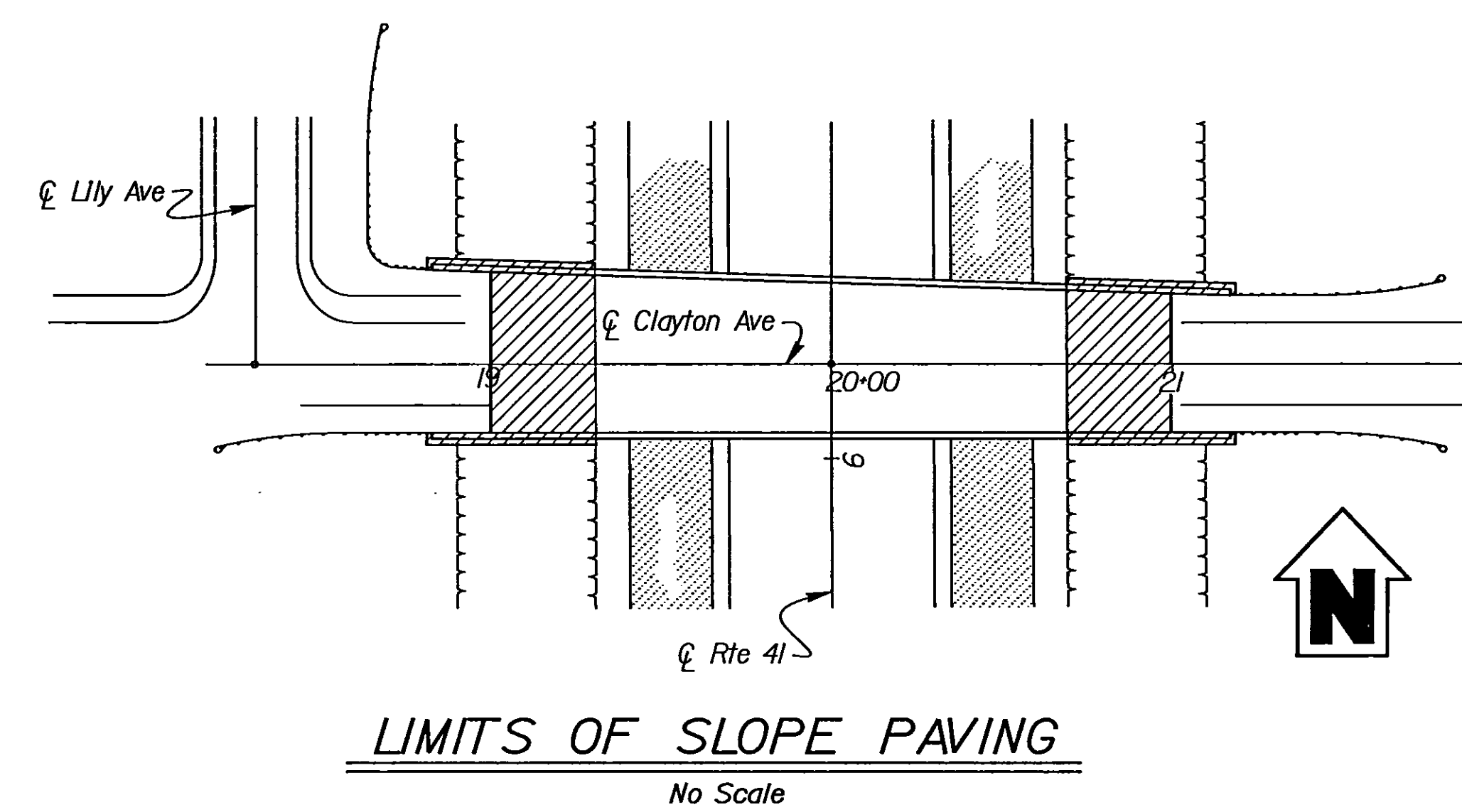
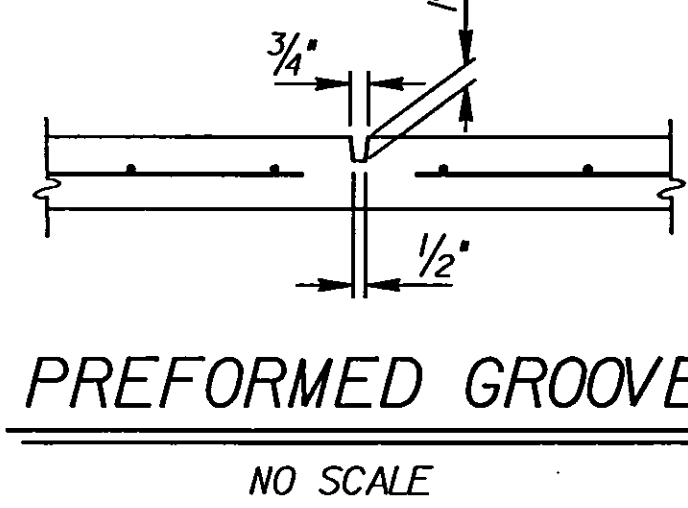
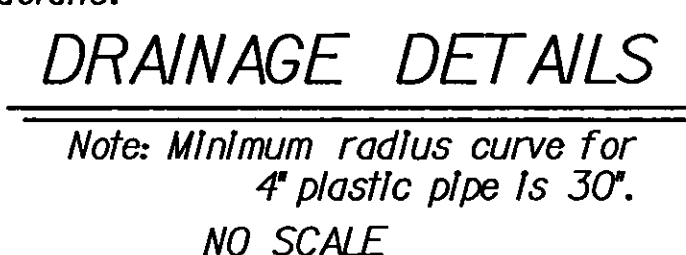
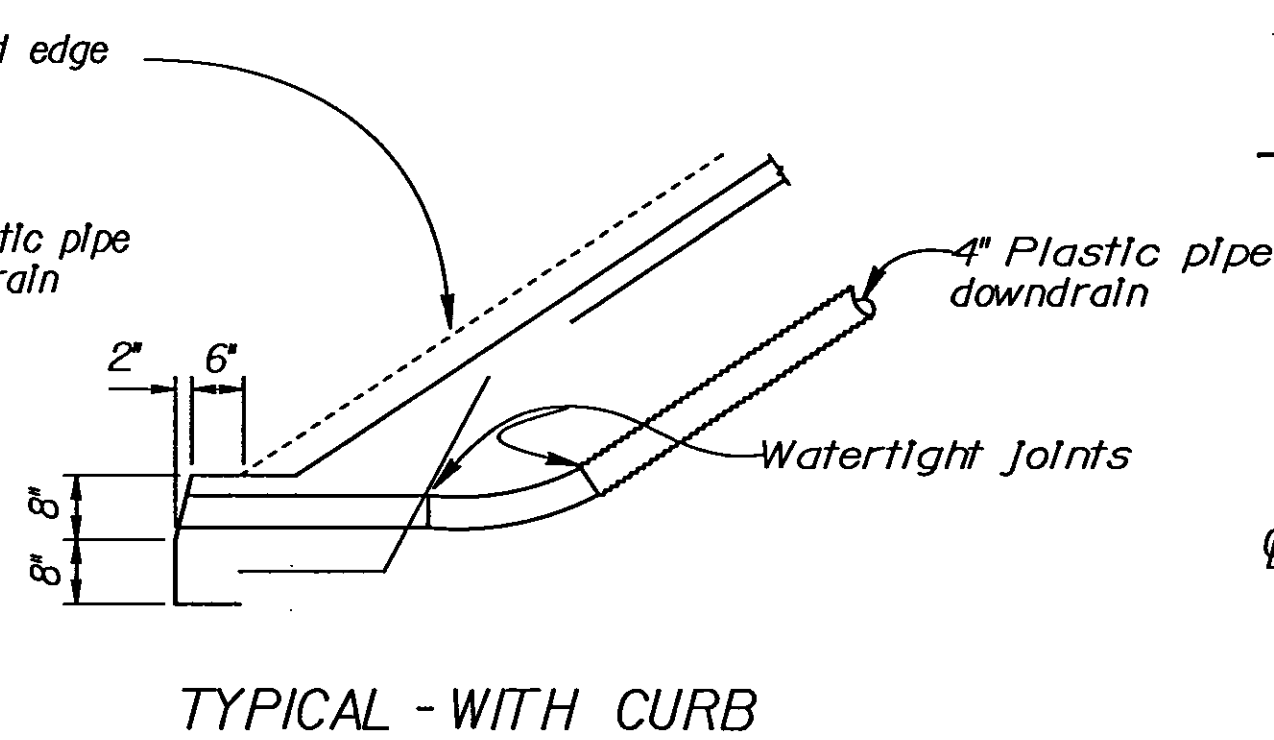
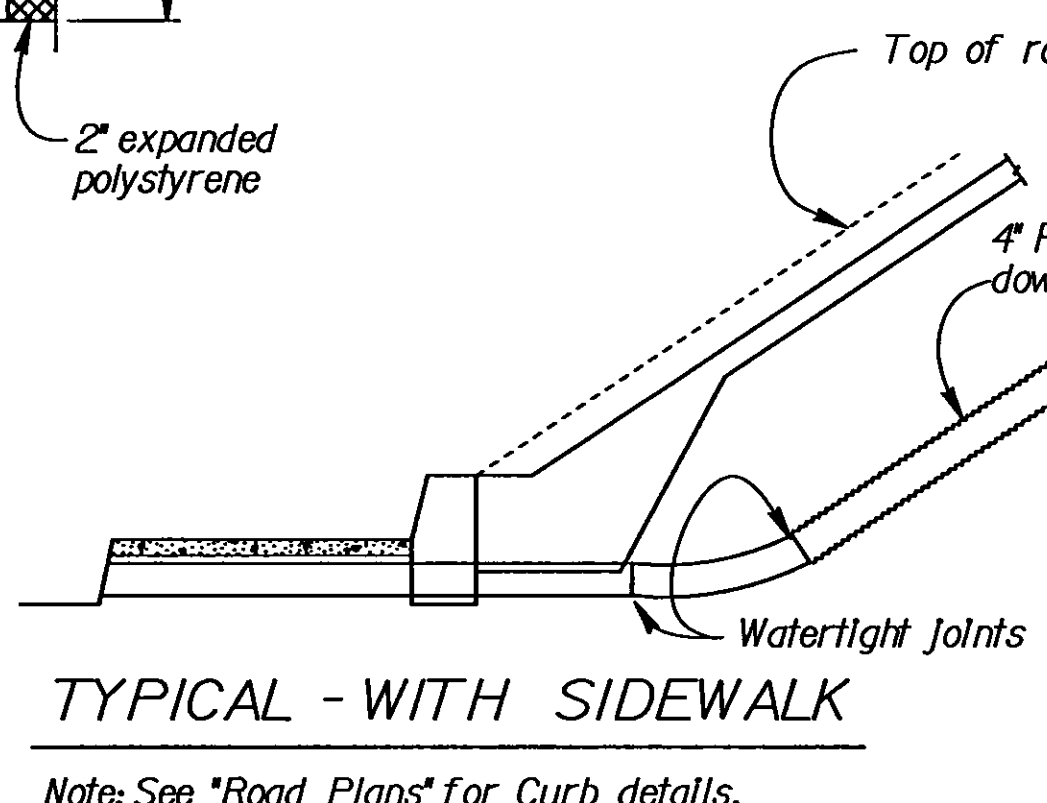
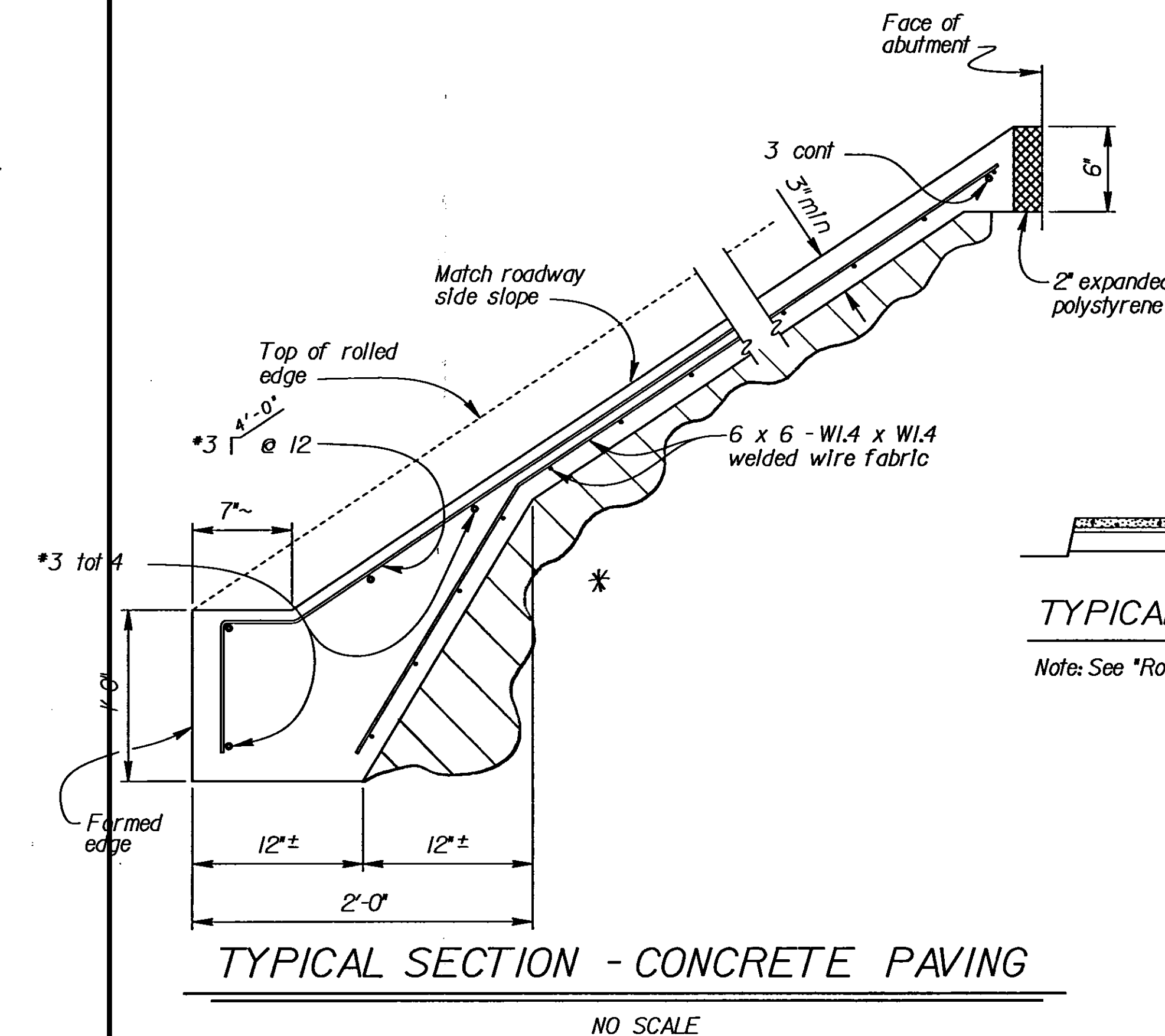
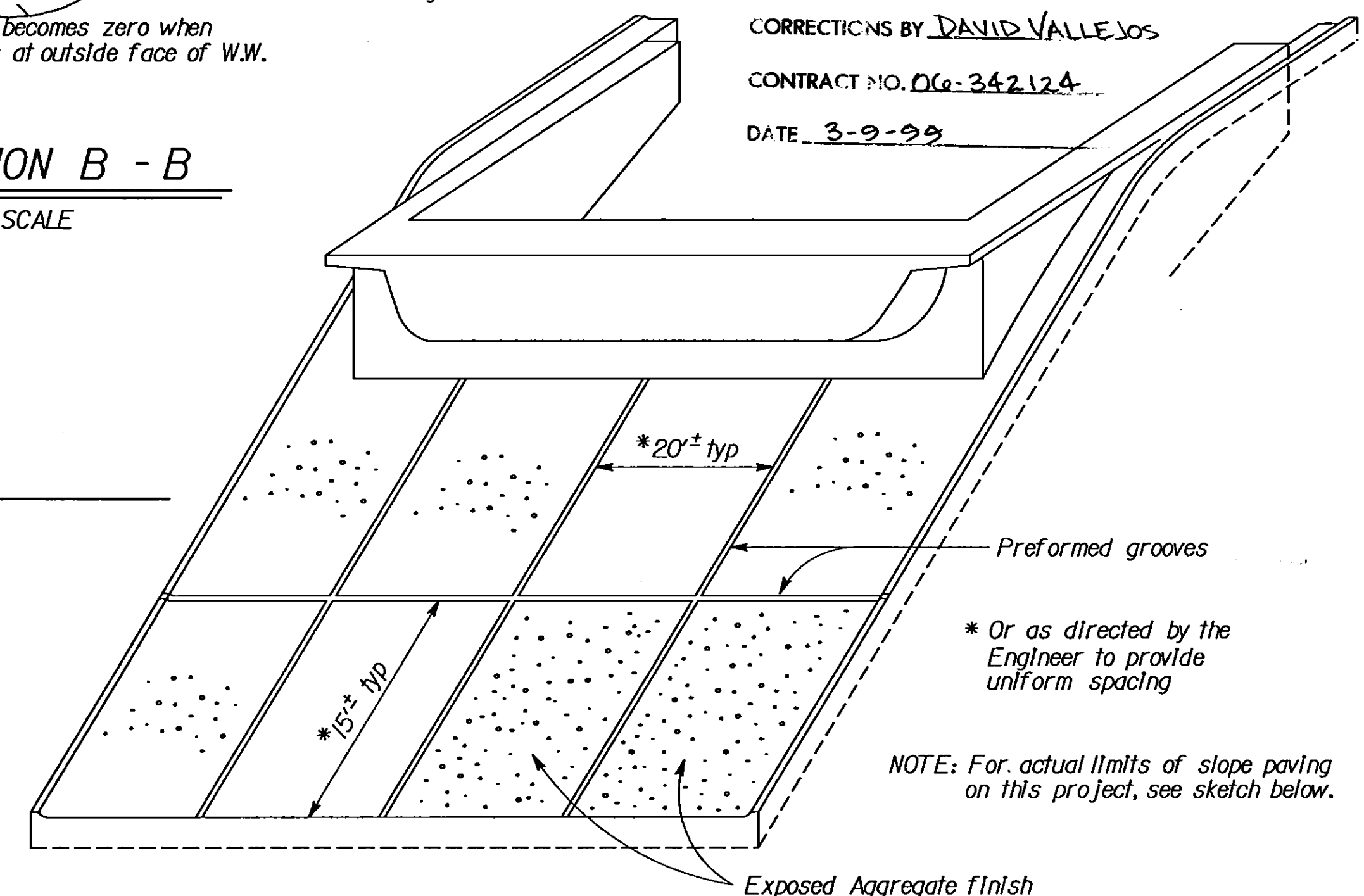
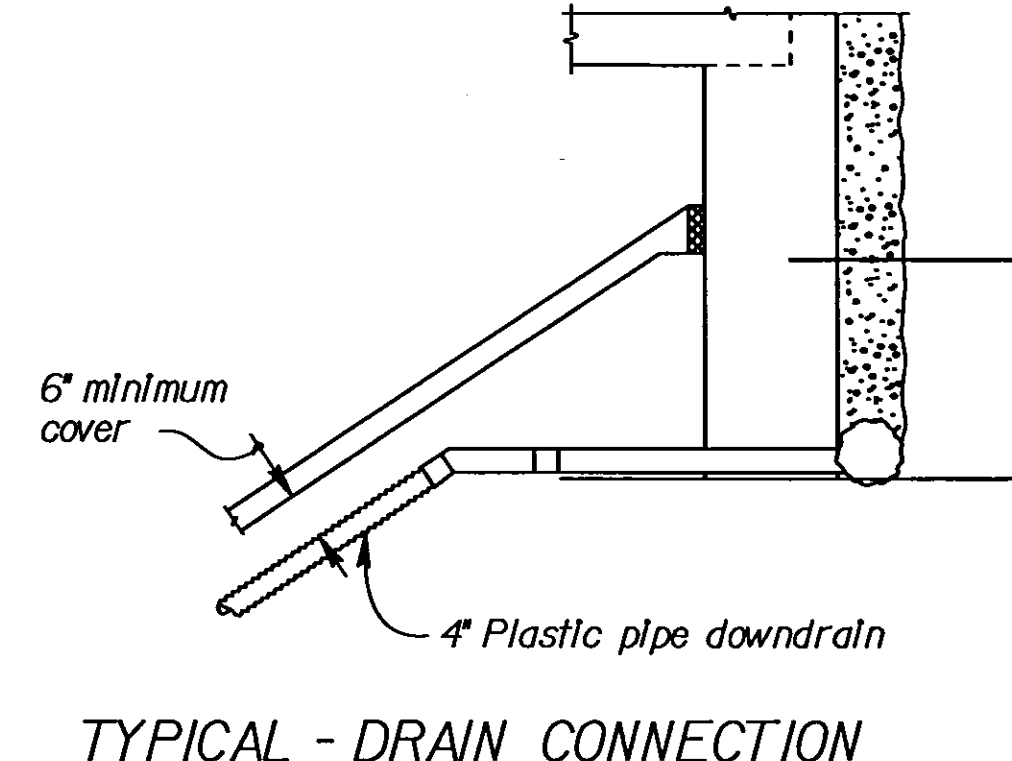
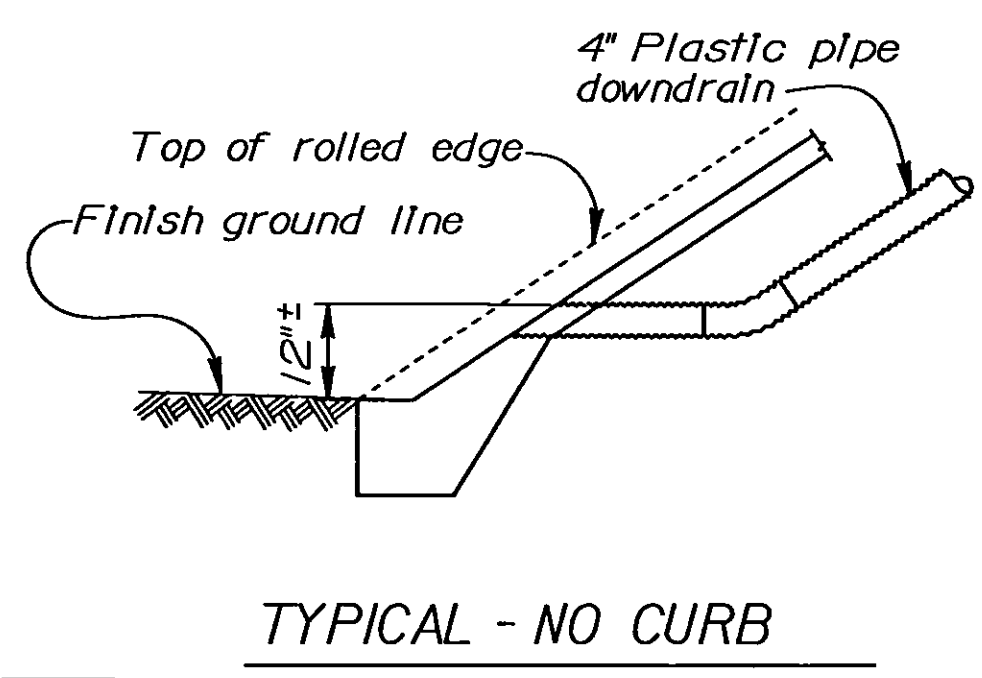
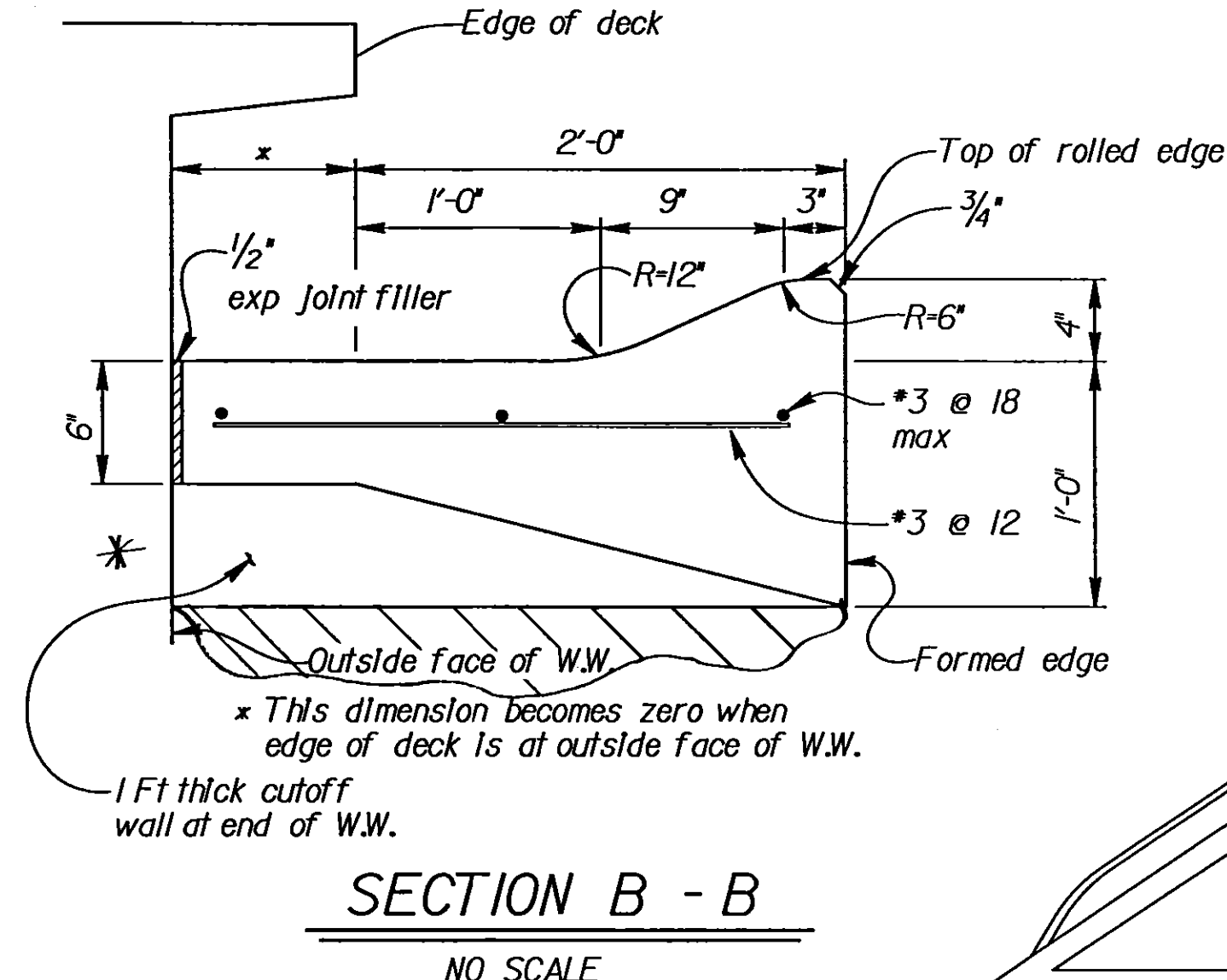
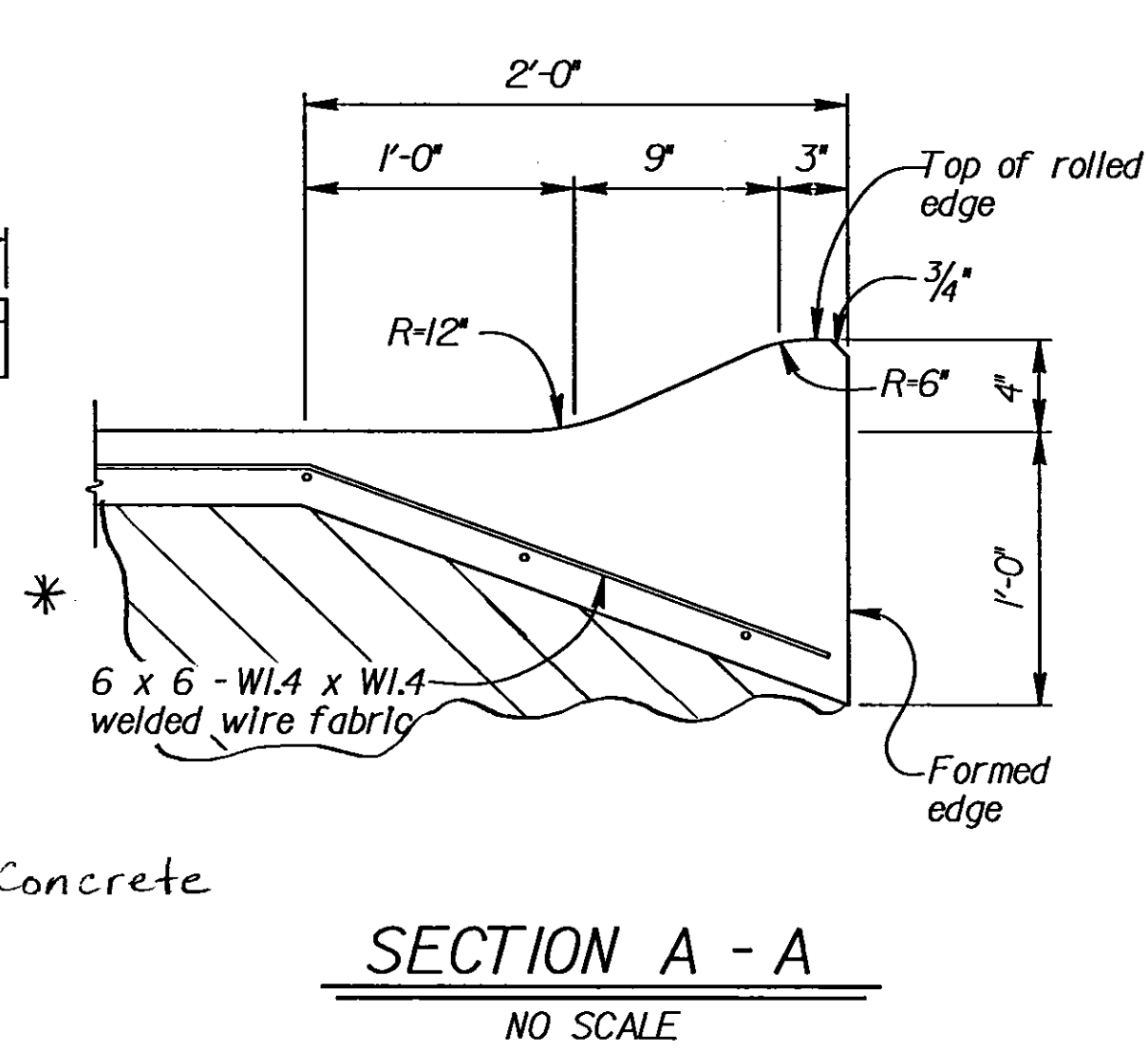
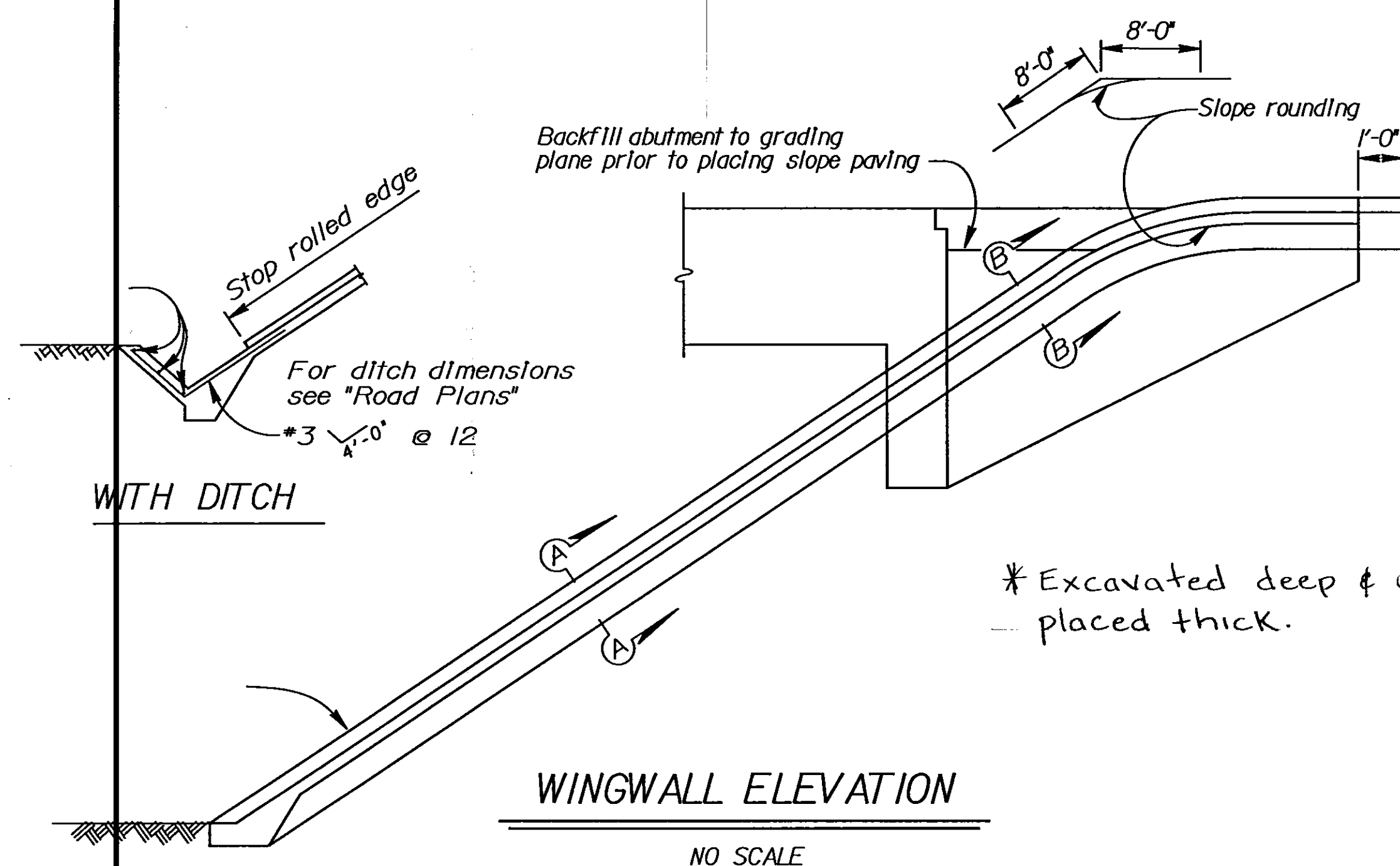
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

AS BUILT N.K.
7-22-99

CORRECTIONS BY DAVID VALLEJOS

CONTRACT NO. 06-342124

DATE 3-9-99



DESIGN	BY Pat Preston	CHECKED Overcomer Hor
DETAILS	BY Roberta Lim	CHECKED Overcomer Hor
QUANTITIES	BY Pat Preston	CHECKED John Satter

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES
STRUCTURE DESIGN **8**

BRIDGE NO.	42-152
POST MILE	R16.6

CLAYTON AVENUE OVERCROSSING
SLOPE PAVING - FULL SLOPE

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 06227 EA 342121	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 12 OF 13
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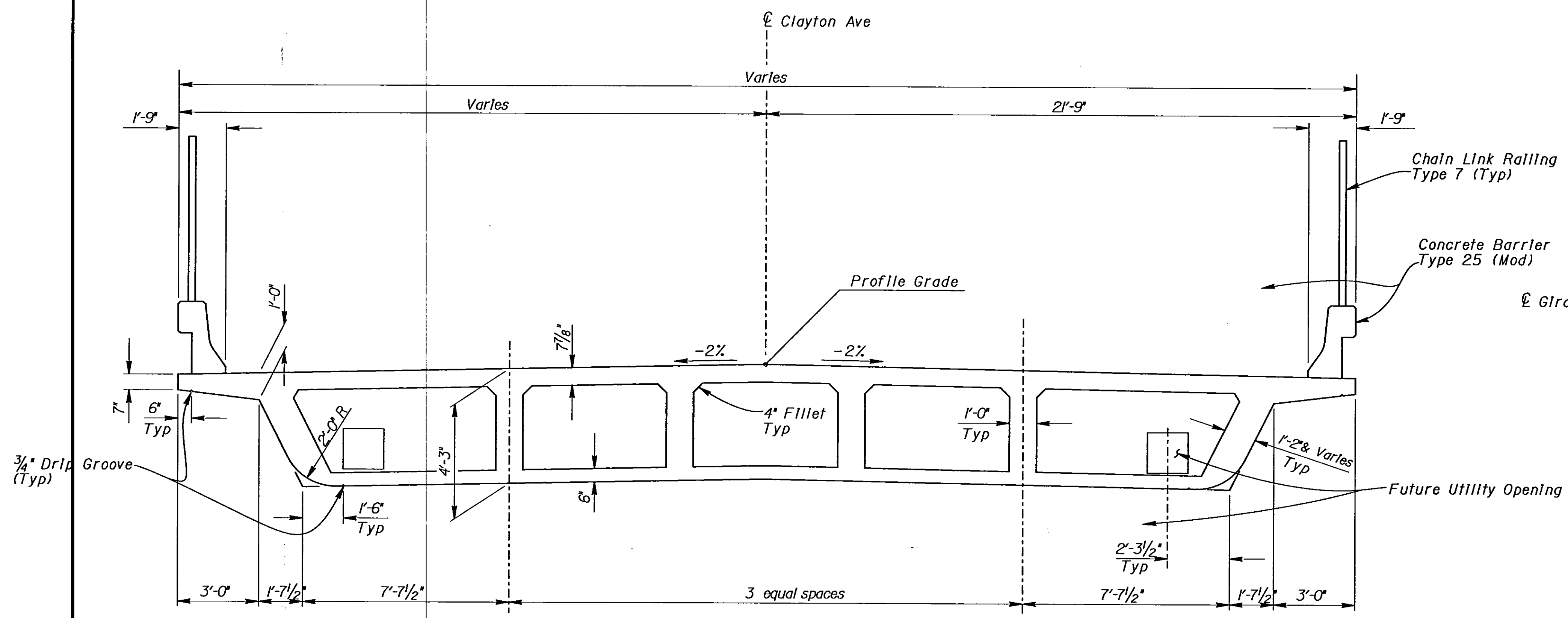
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fre	41	R12.1/R20.7	485	489

NO AS BUILT CORRECTIONS
AS BUILT N.K.
7-22-99
CORRECTIONS BY DAVID VALLESOS
CONTRACT NO. 06-342124
DATE 3-9-99

Patricia S. Preston
REGISTERED ENGINEER - CIVIL
No. 49591
Exp. 9-30-96
CIVIL
STATE OF CALIFORNIA

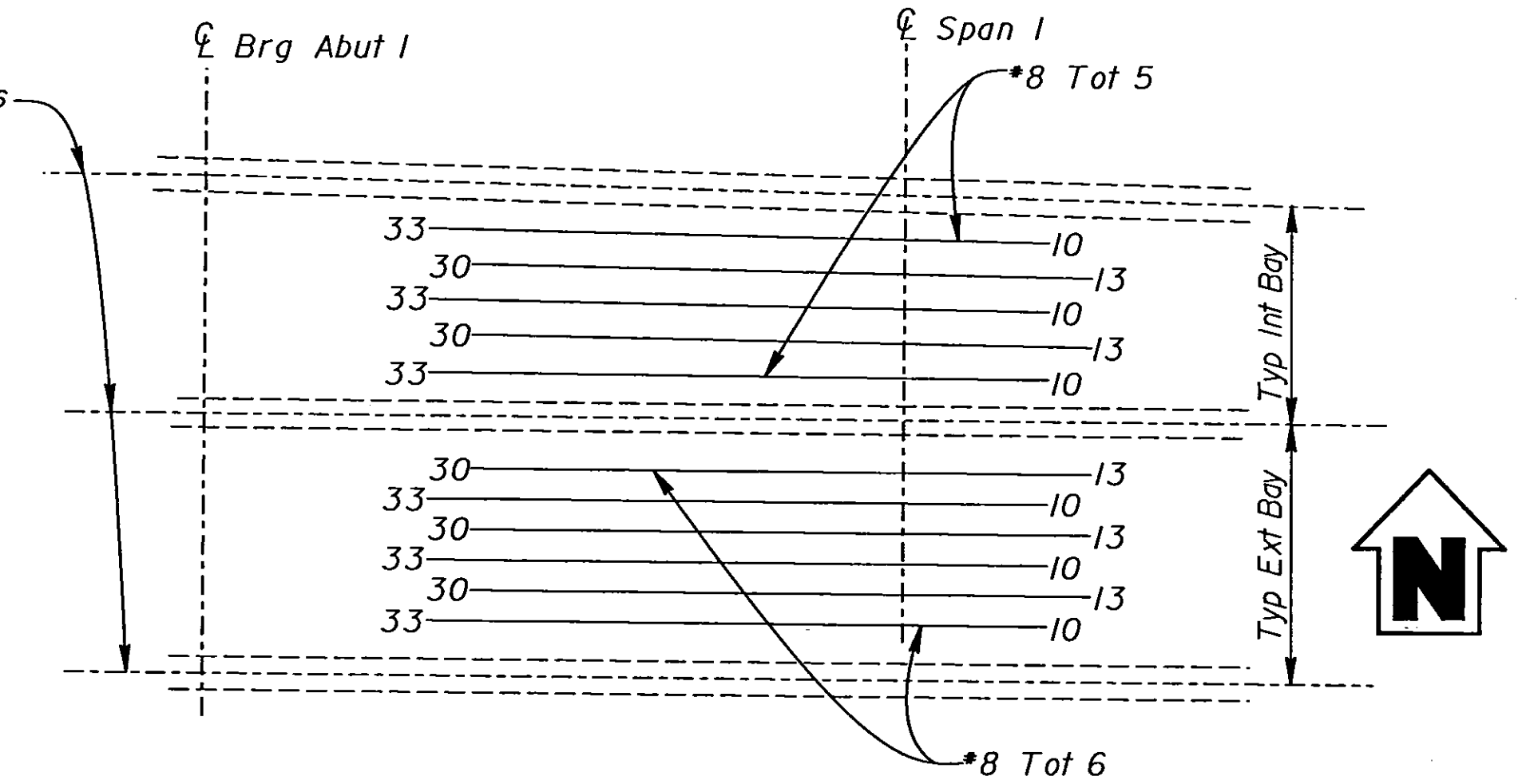
1-27-97
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



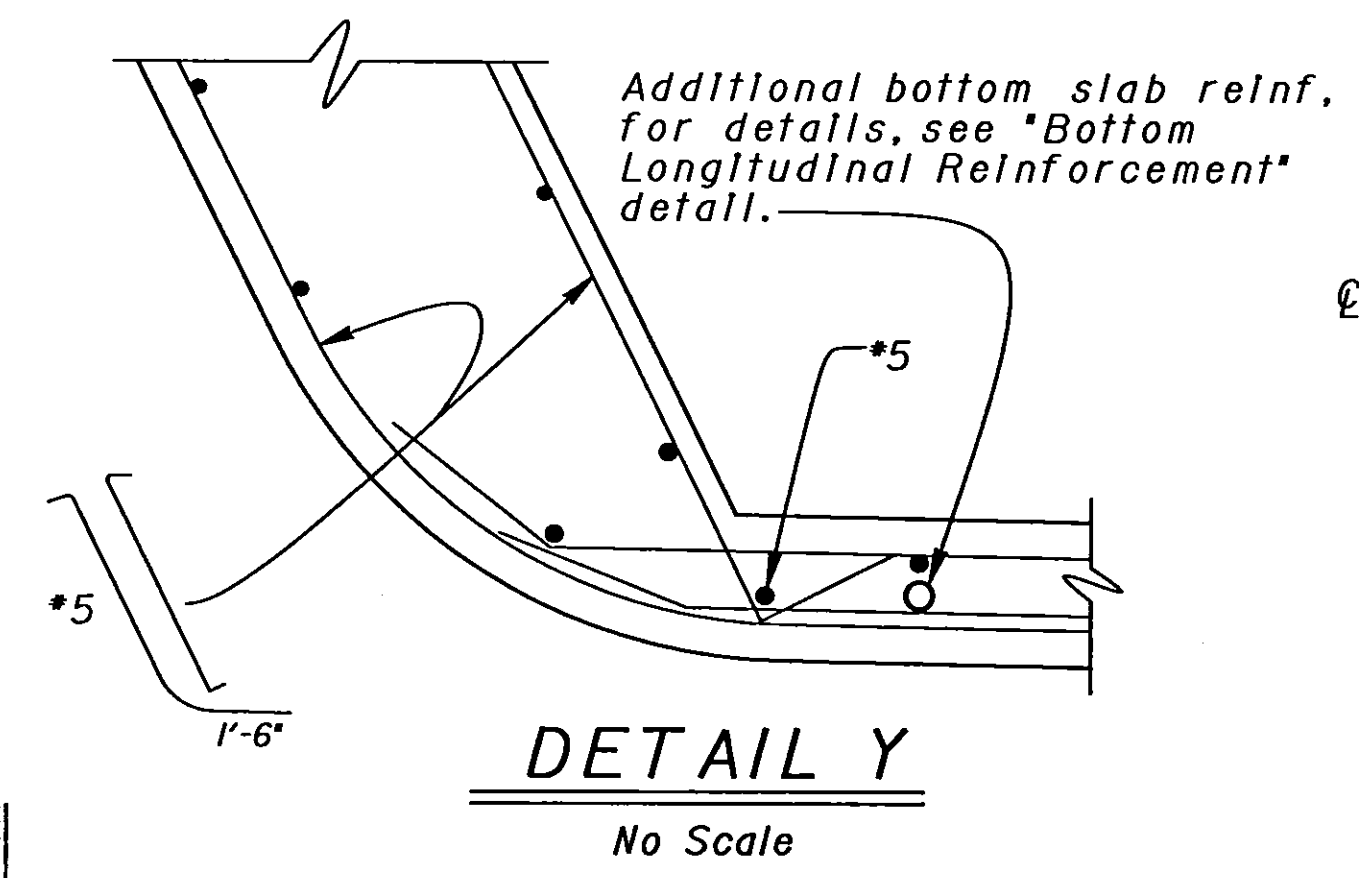
TYPICAL SECTION

3/8" = 1'-0"



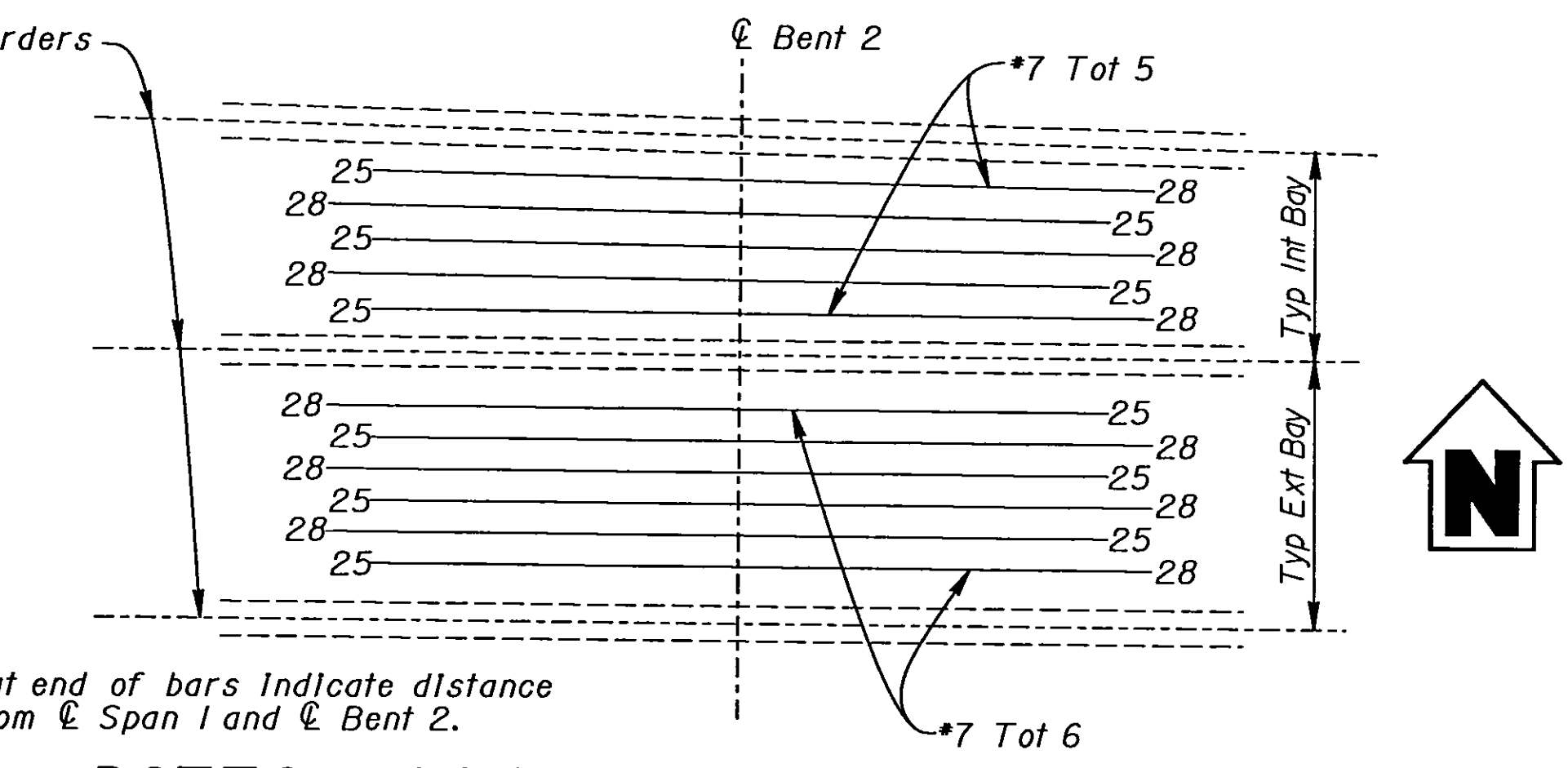
BOTTOM LONGITUDINAL REINFORCEMENT

No Scale



DETAIL Y

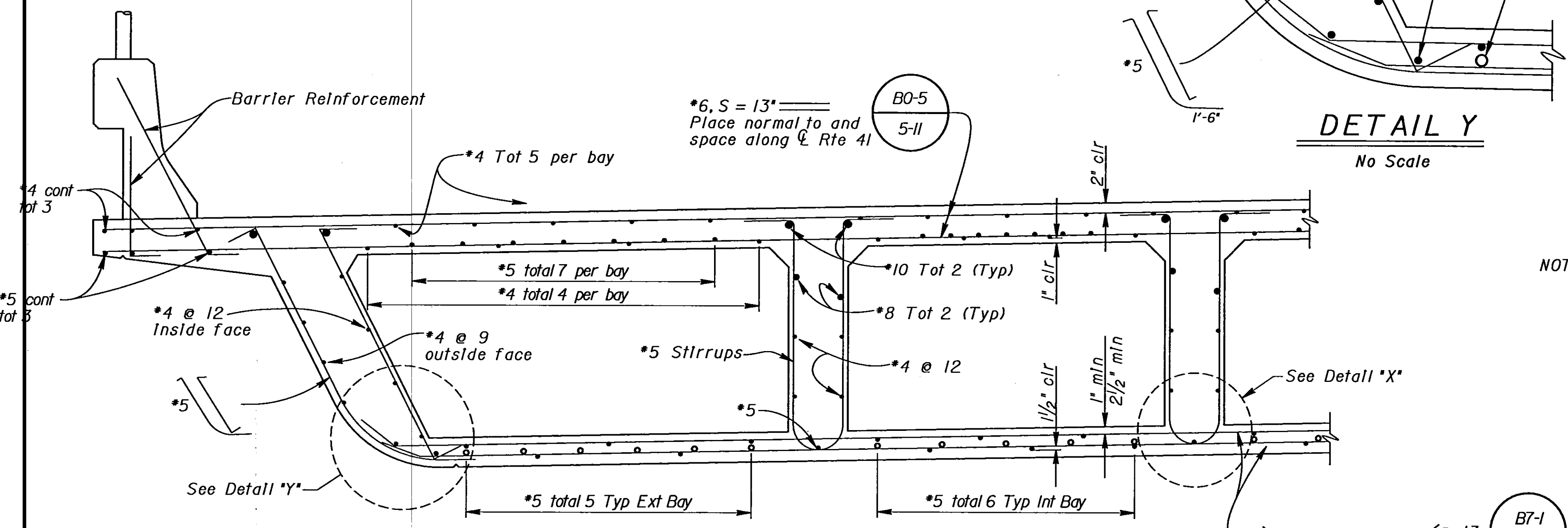
No Scale



BOTTOM LONGITUDINAL REINFORCEMENT

No Scale

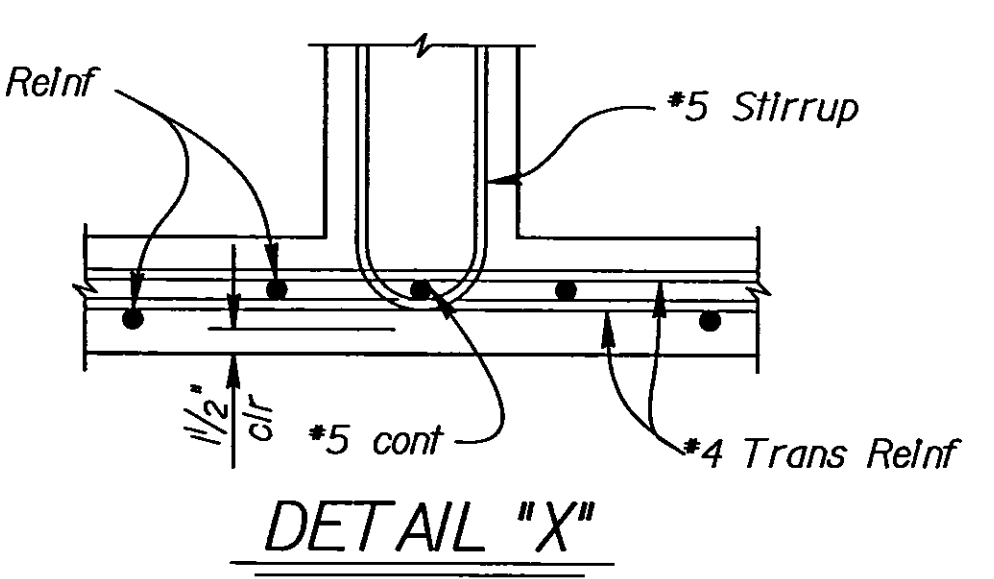
NOTE: Numbers at end of bars indicate distance in feet from $\text{\textcircled{C}}$ Span 1 and $\text{\textcircled{C}}$ Bent 2.



PART TYPICAL SECTION

3/4" = 1'-0"

NOTE:
o indicates additional bottom longitudinal reinforcement.



DETAIL "X"

No Scale

		DESIGN	BY Pat Preston	CHECKED Overcomer Hor	STATE OF CALIFORNIA DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO.	CLAYTON AVENUE OVERCROSSING										
		DETAILS	BY Roberta Lim	CHECKED Overcomer Hor		42-152											
		QUANTITIES	BY Pat Preston	CHECKED John Satter		POST MILE		TYPICAL SECTION									
						R16.6											
DS OSD 2139 (CADD 9/95)	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	CU 06227 EA 342121	DISREGARD PRINTS BEARING EARLIER REVISION DATES →	REVISION DATES (PRELIMINARY STAGE ONLY)					SHEET	OF			
								1-28-96	3-29-96	4-9-96	5-1-96	5-18-96	7-9-96			9	13

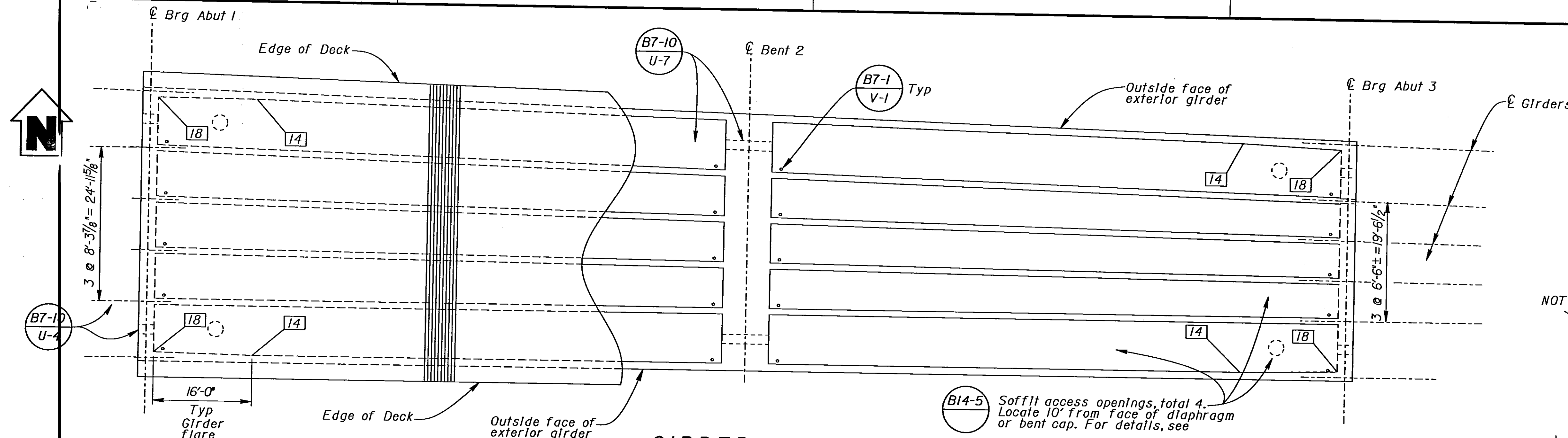
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fre	41	R12.1/R20.7	486	489

REGISTERED ENGINEER - CIVIL
 PATRICIA S. PRESTON
 No. 49591
 Exp. 9-30-96
 CIVIL
 STATE OF CALIFORNIA

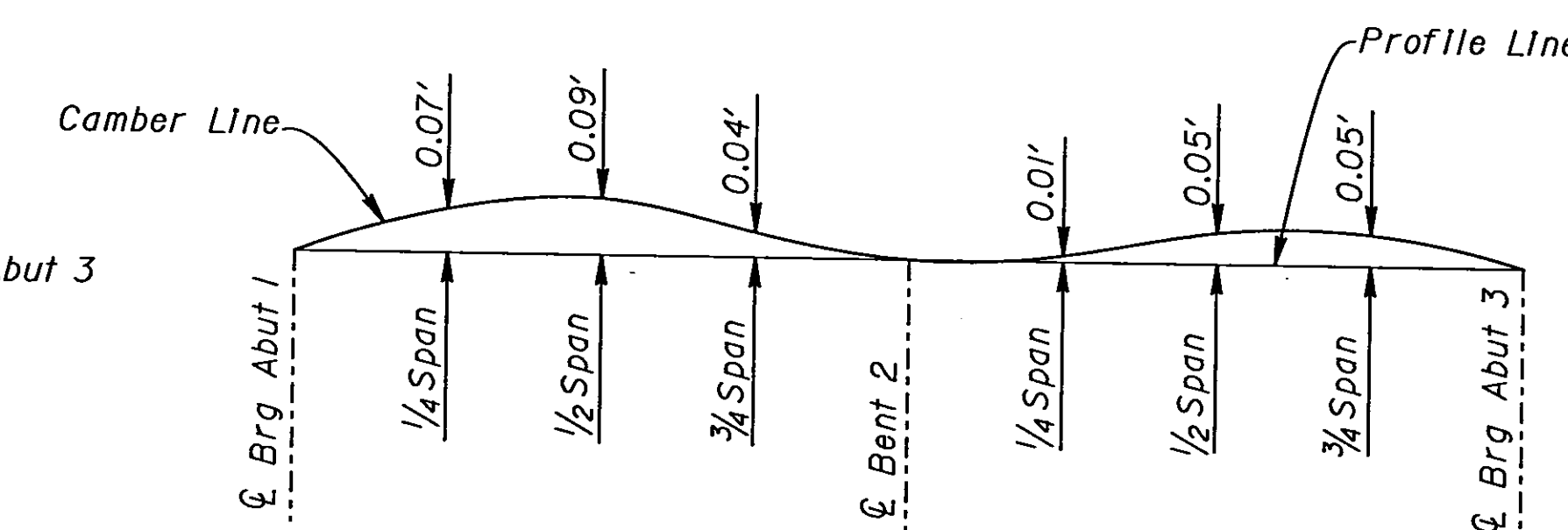
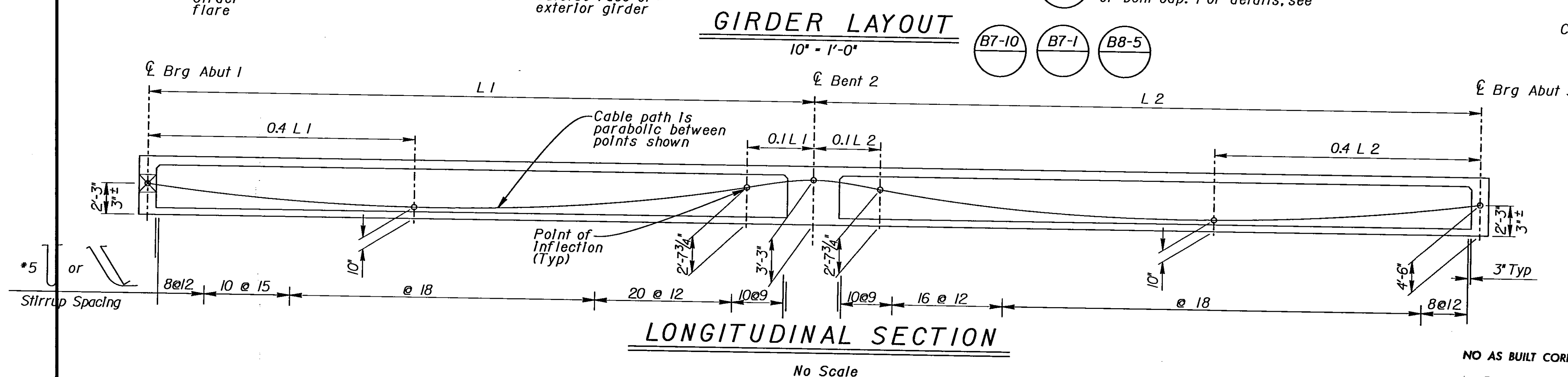
1-27-97

PLANS APPROVAL DATE

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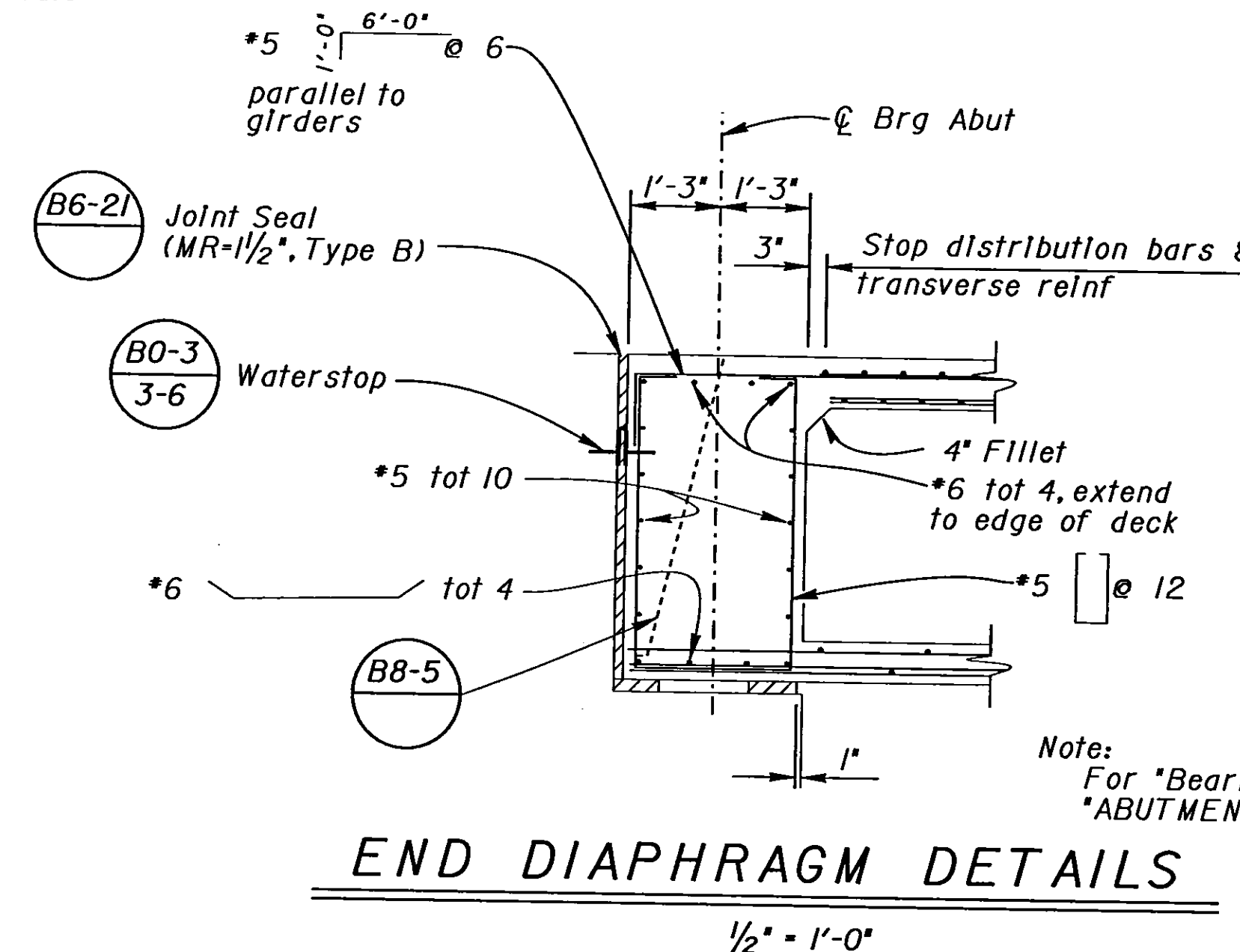
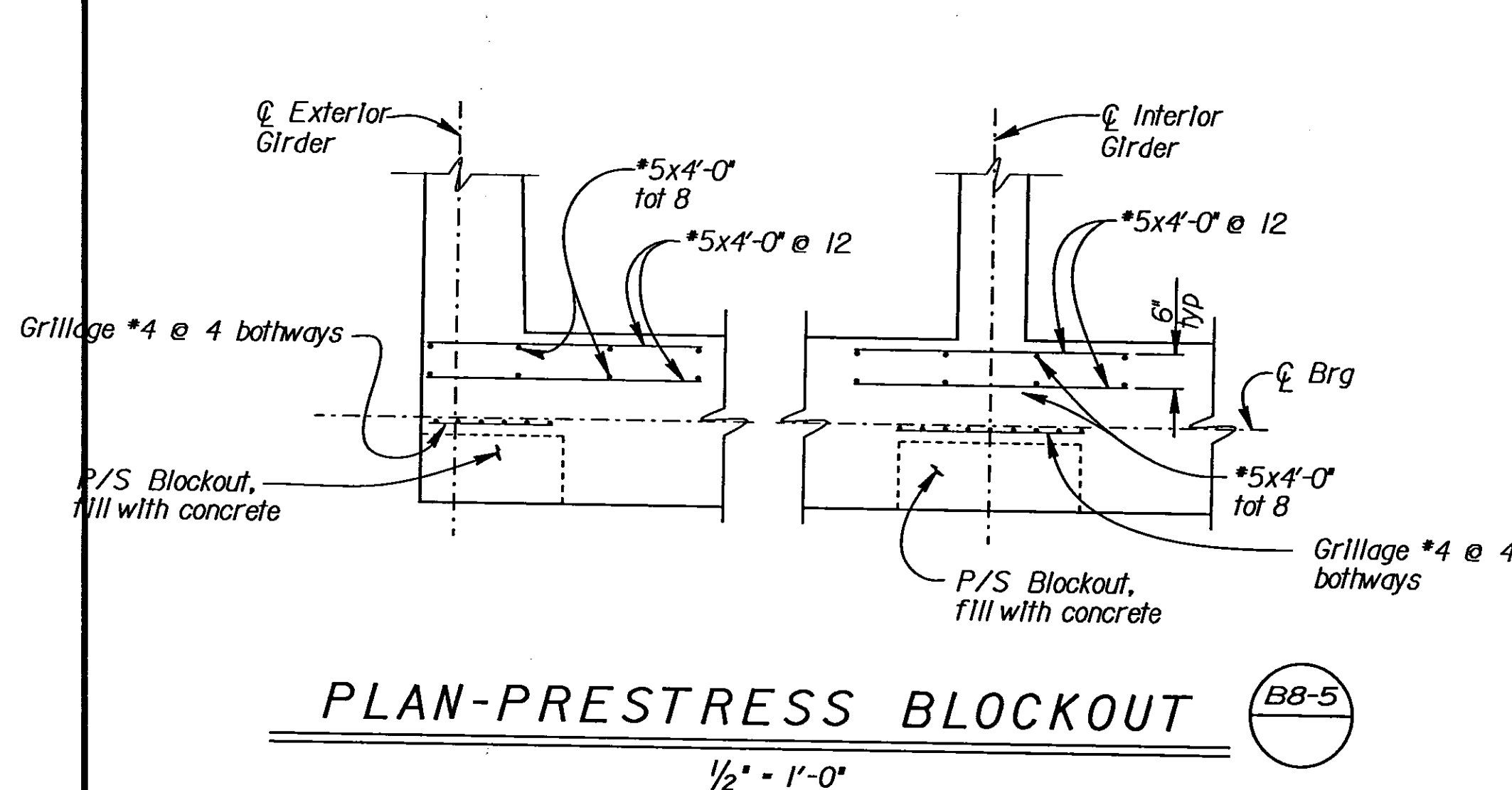


- NOTES:
- Indicates girder stem width in inches
 - ⊗ Indicates Point of No Movement



CAMBER DIAGRAM

No Scale
(Does not include allowance for falsework settlement)



NO AS BUILT CORRECTIONS
AS BUILT N.K.
 1-22-99
 CORRECTIONS BY DAVID VALLE 10/5
 CONTRACT NO. 06-347-124
 DATE 3-9-99

PRESTRESSING NOTES

270 KSI Low Relaxation Strand:

P_{jack} = 5760 kips

Anchor Set = 3/8 in

Total Number of Girders = 6

Distribution of prestress force (P_{jack}) between girders shall not exceed the ratio of 3:2. Maximum final force variation between girders shall not exceed 725 kips.

Concrete: f'_c = 4000 psi @ 28 days
 f'_{ci} = 3500 psi @ time of stressing

Contractor shall submit elongation calculations based on initial stress at $\square = 0.900$ times jacking stress.

One end stressing shall be performed from Abutment 1 or Abutment 3 end.

DESIGN	BY Pat Preston	CHECKED Overcomer Hor
DETAILS	BY Roberta Lim	CHECKED Overcomer Hor
QUANTITIES	BY Pat Preston	CHECKED John Satter

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES
 STRUCTURE DESIGN 8

BRIDGE NO.
 42-152
 POST MILE
 R16.6

CLAYTON AVENUE OVERCROSSING
 GIRDER LAYOUT

ORIGINAL SCALE IN INCHES
 FOR REDUCED PLANS

CU 06227
 EA 342121

DISREGARD PRINTS BEARING
 EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 10 OF 13

USERNAME -> \$USER
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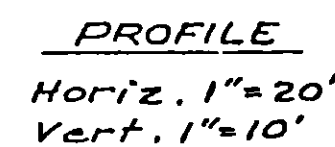
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The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

AS BUILT N.K.
7-22-99

CONTRACT NO. 06-342124

DATE 3-9-99



NOTE: Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

SHEET	OF
13	13

DISREGARD PRINTS BEARING
EARLIER REVISION DATES

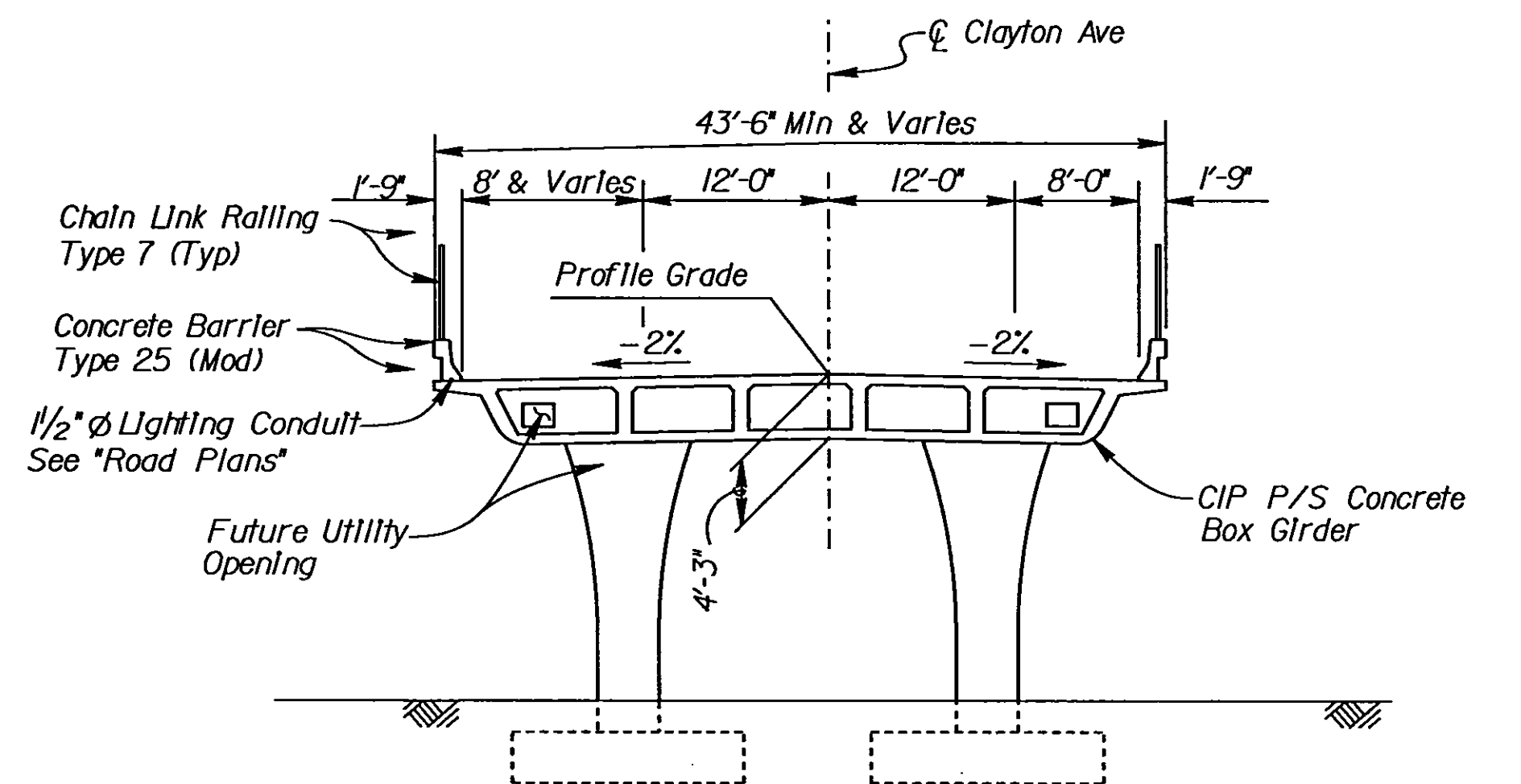
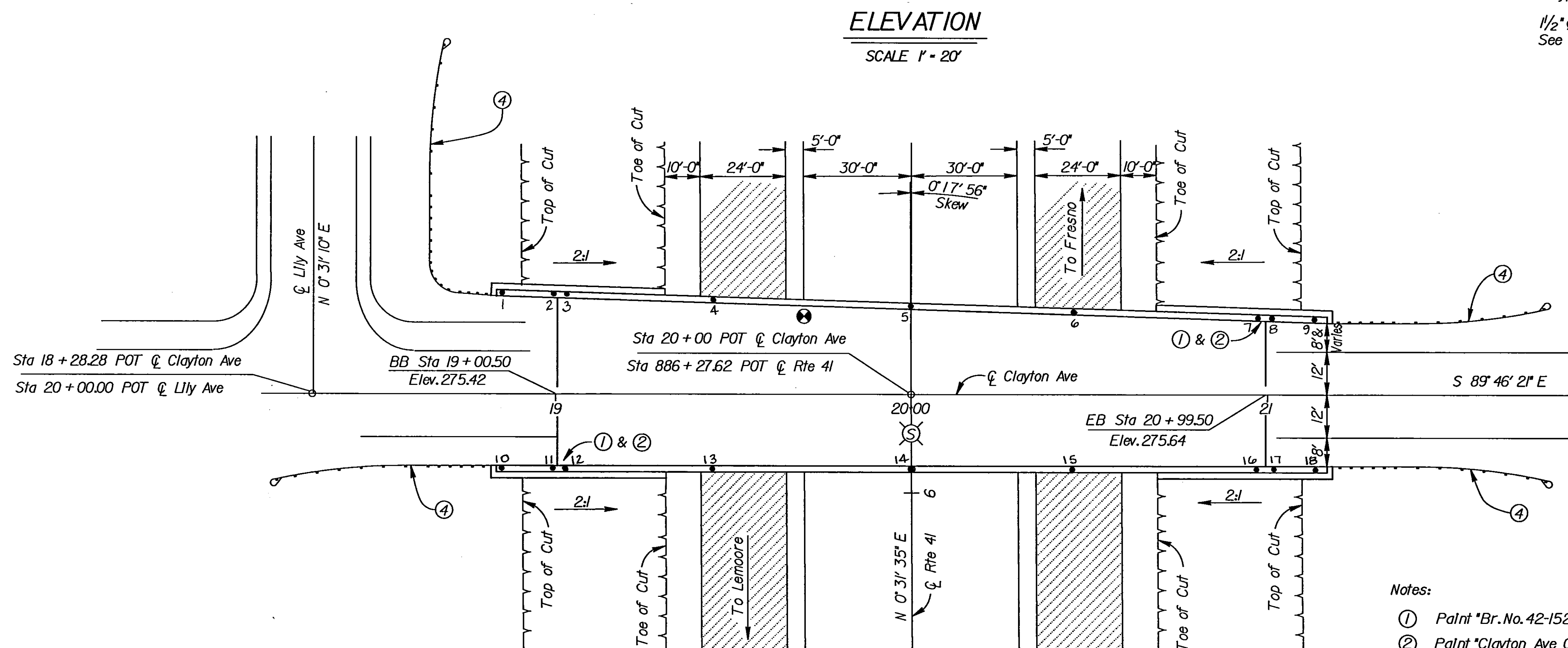
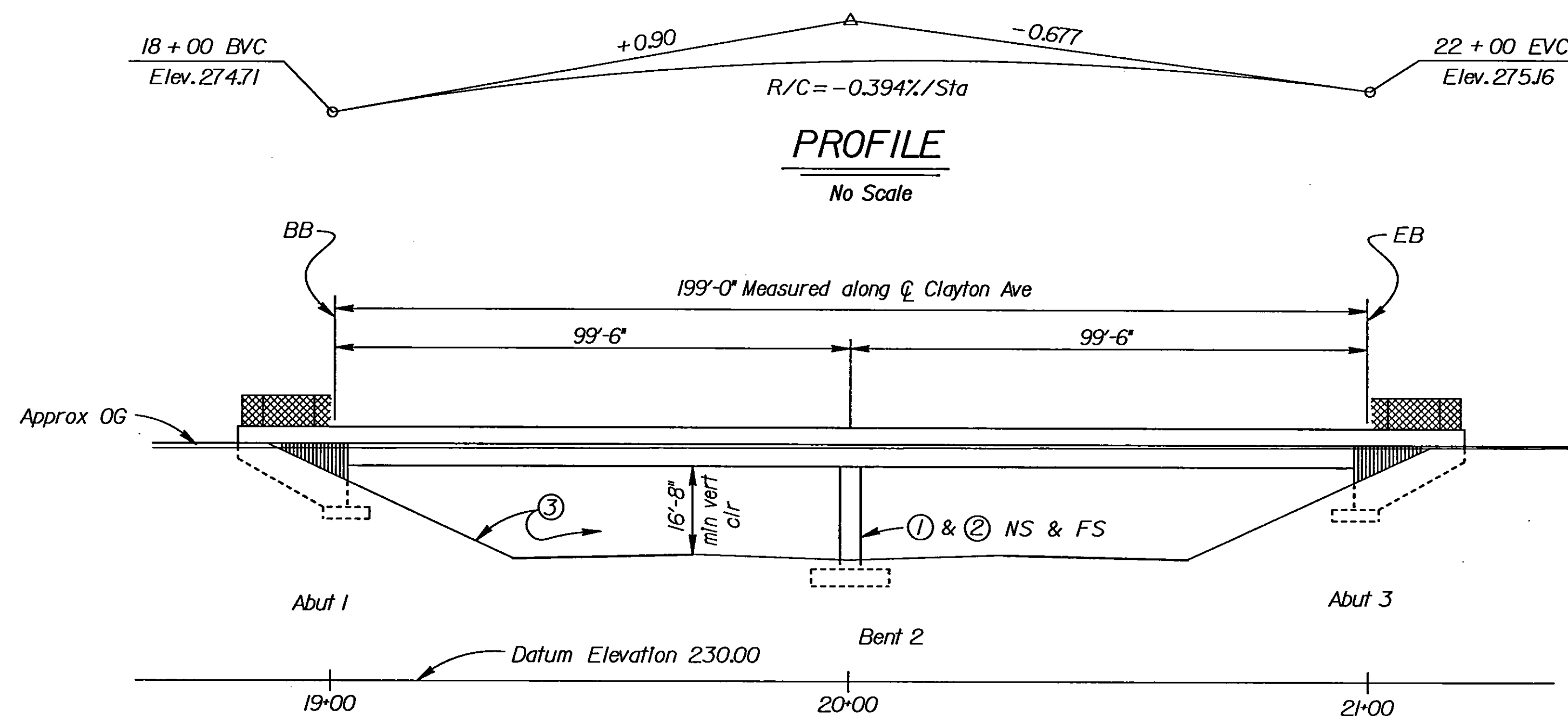
REVISION DATES (PRELIMINARY STAGE ONLY)

TL 6051 REV. 5/95

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fre	41	R12.1/R20.7	477	489

<i>Patricia S. Preston</i> REGISTERED ENGINEER - CIVIL No. 49591 Exp. 9-30-96		
1-27-97 PLANS APPROVAL DATE		

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For Brass Nail Elevations,
see sheet 2.

- Notes:
- ① Paint "Br. No. 42-152"
 - ② Paint "Clayton Ave OC"
 - ③ Full Slope Paving
 - ④ MBGR, see "Road Plans"
 - ⊙ Point of minimum vertical clearance
 - ⊙ Structure Mounted Electroliner, See "Road Plans"

Note:
For General Notes and Index to Plans, see "DECK CONTOURS" sheet.

QUANTITIES	
STRUCTURE EXCAVATION (BRIDGE)	475 CY
STRUCTURE BACKFILL (BRIDGE)	260 CY
PRESTRESSING CAST-IN-PLACE CONCRETE	LUMP SUM
STRUCTURAL CONCRETE, BRIDGE FOOTING	123 CY
STRUCTURAL CONCRETE, BRIDGE	749 CY
RIPPED TEXTURE (REINFORCING BAR)	440 SQFT
JOINT SEAL (TYPE B-MR 1 1/2")	94 LF
BAR REINFORCING STEEL (BRIDGE)	169,300 LB
SLOPE PAVING (CONCRETE)	53 CY
CHAIN LINK RAILING (TYPE 7)	466 LF
CONCRETE BARRIER (TYPE 25 MODIFIED)	469 LF

PLAN
SCALE 1" = 20'



<div>Brian Mori</div> <div>DESIGN ENGINEER</div>	DESIGN	BY Pat Preston	CHECKED Overcomer Hor	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO.	CLAYTON AVENUE OVERCROSSING													
	DETAILS	BY Robert Silva	CHECKED Overcomer Hor	LAYOUT	BY Pat Preston	CHECKED Overcomer Hor			42-152	POST MILE	GENERAL PLAN												
	QUANTITIES	BY Pat Preston	CHECKED John Satter	SPECIFICATIONS	BY KB Iwasaki/BN	PLANS AND SPECS COMPARED KB Iwasaki/BN			R16.6														
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS								CU 06227 EA 342121												DISREGARD PRINTS BEARING EARLIER REVISION DATES		
DS OSD 2138 (CADD 3/95)												REVISION DATES (PRELIMINARY STAGE ONLY)											
												11-28-95 01-10-96 1-18-96 3-18-96 3-28-96 4-8-96 7-5-96 7-9-96											

06-42-152 LINCOLN.GPD.GM

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fre	41	R12.1/R20.7	487	489

Patricia S. Preston
REGISTERED ENGINEER - CIVIL

PROFESSIONAL ENGINEER

PATRICIA S. PRESTON

No. 49591

Exp. 9-30-96

CIVIL

STATE OF CALIFORNIA

1-27-97
PLANS APPROVAL DATE

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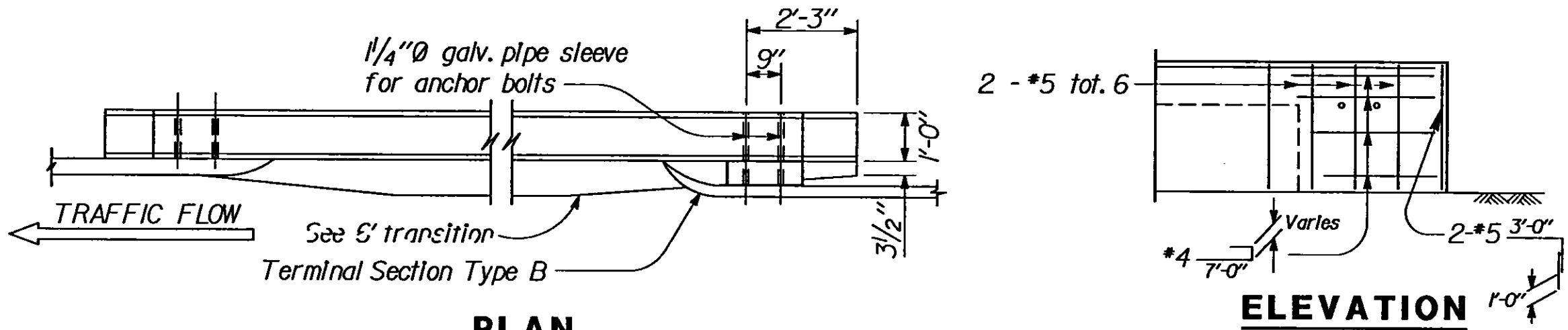
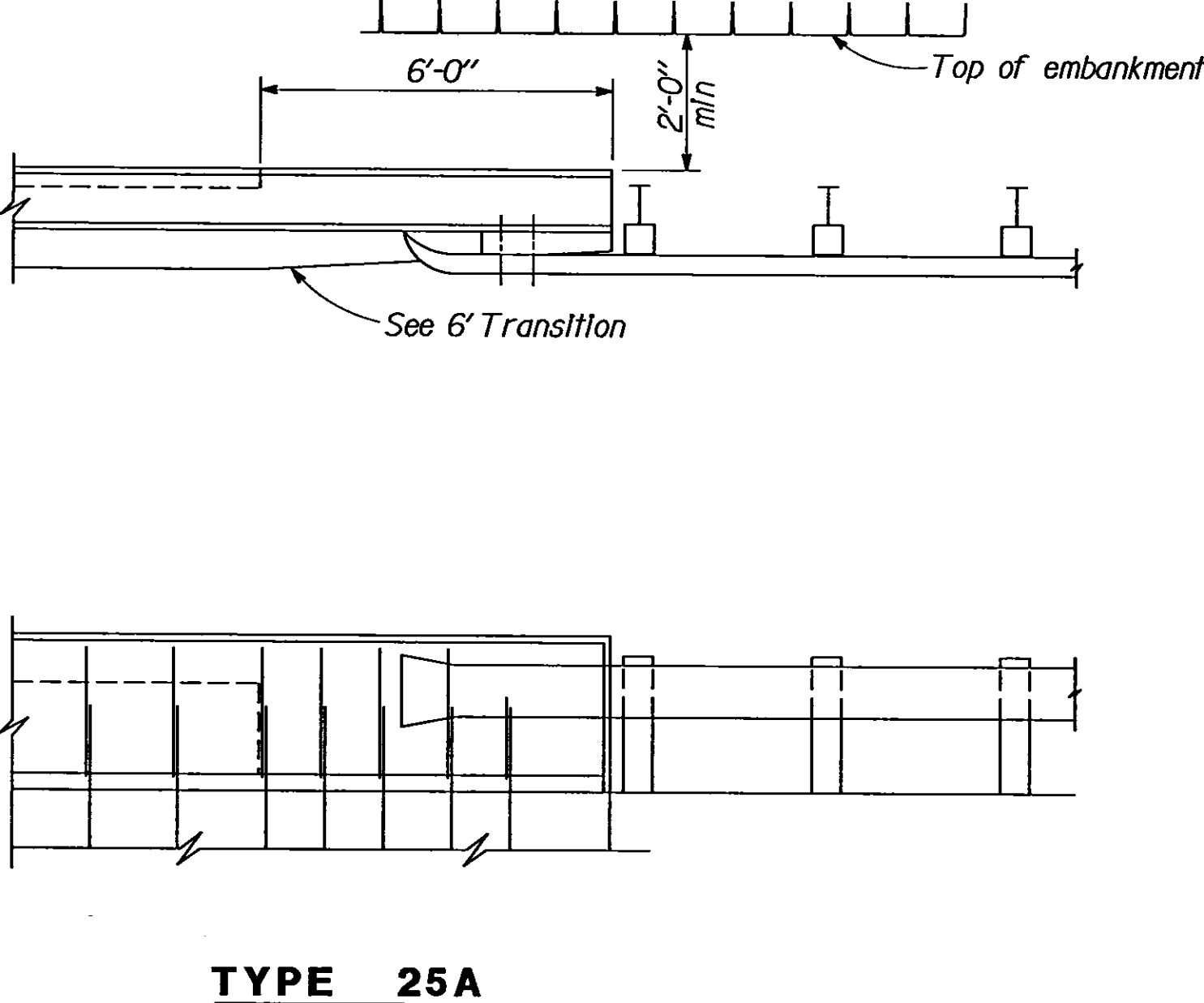
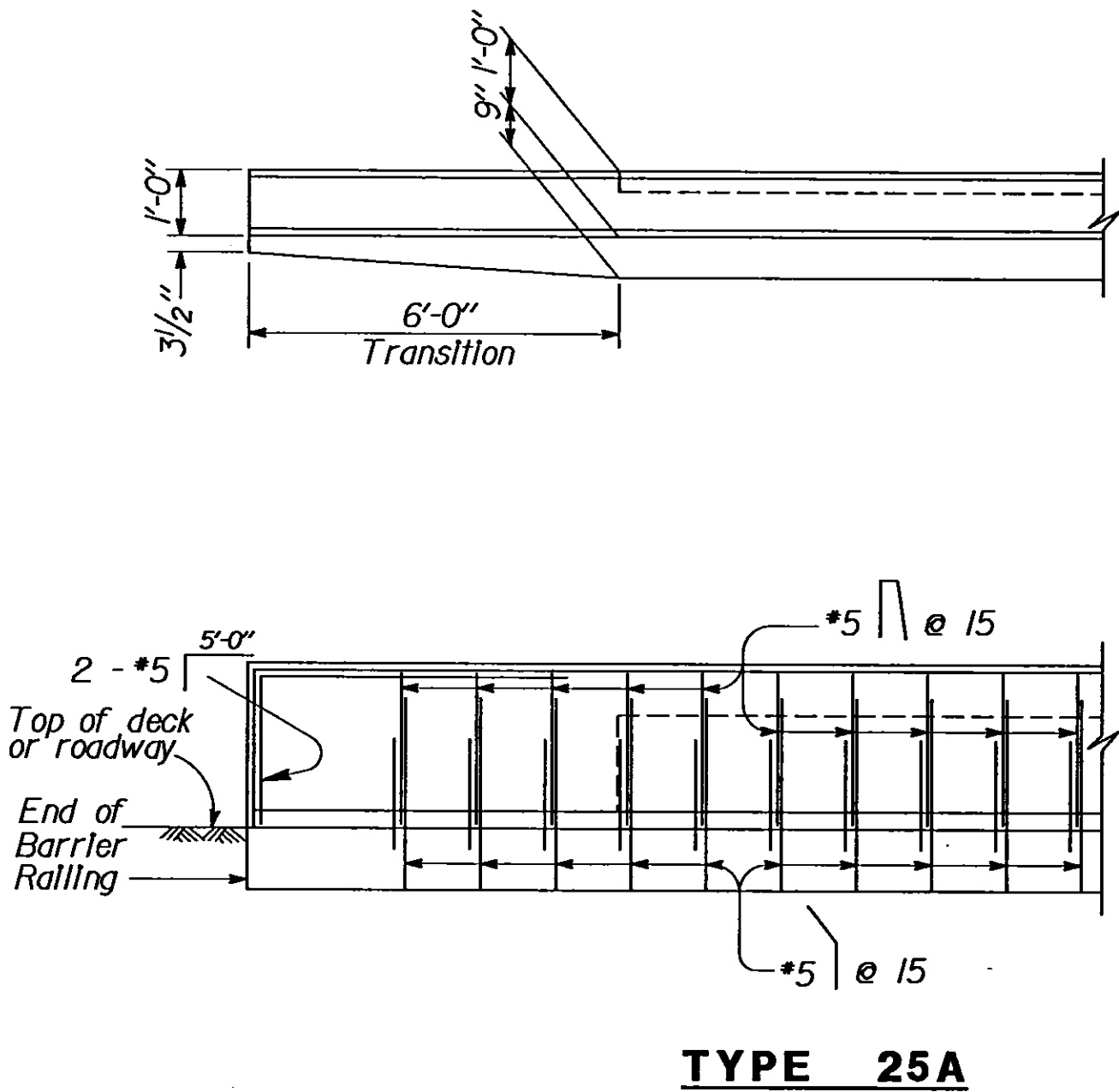
NO AS BUILT CORRECTIONS

AS BUILT N.K.
7-22-99

CORRECTIONS BY DAVID VALLEJOS

CONTRACT NO. 06-342124

DATE 3-9-99



METAL BEAM GUARD RAIL ANCHORAGE

NOTE: See Standard Plan B11-53 for details not shown.

DESIGN	BY Pat Preston	CHECKED Overcomer Hor	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO.	42-152	CLAYTON AVENUE OVERCROSSING CONCRETE BARRIER TYPE 25 (MOD)
DETAILS	BY Roberta Lim	CHECKED Overcomer Hor			POST MILE	R16.6	
QUANTITIES	BY Pat Preston	CHECKED John Satter					

DS OSD 2139 (CDD 9/95)

ORIGINAL SCALE IN INCHES
FOR REDUCED PLANS

0 1 2 3

CU 06227
EA 342121

DISREGARD PRINTS BEARING
EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

4-9-96 5-13-96

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\$REQUEST

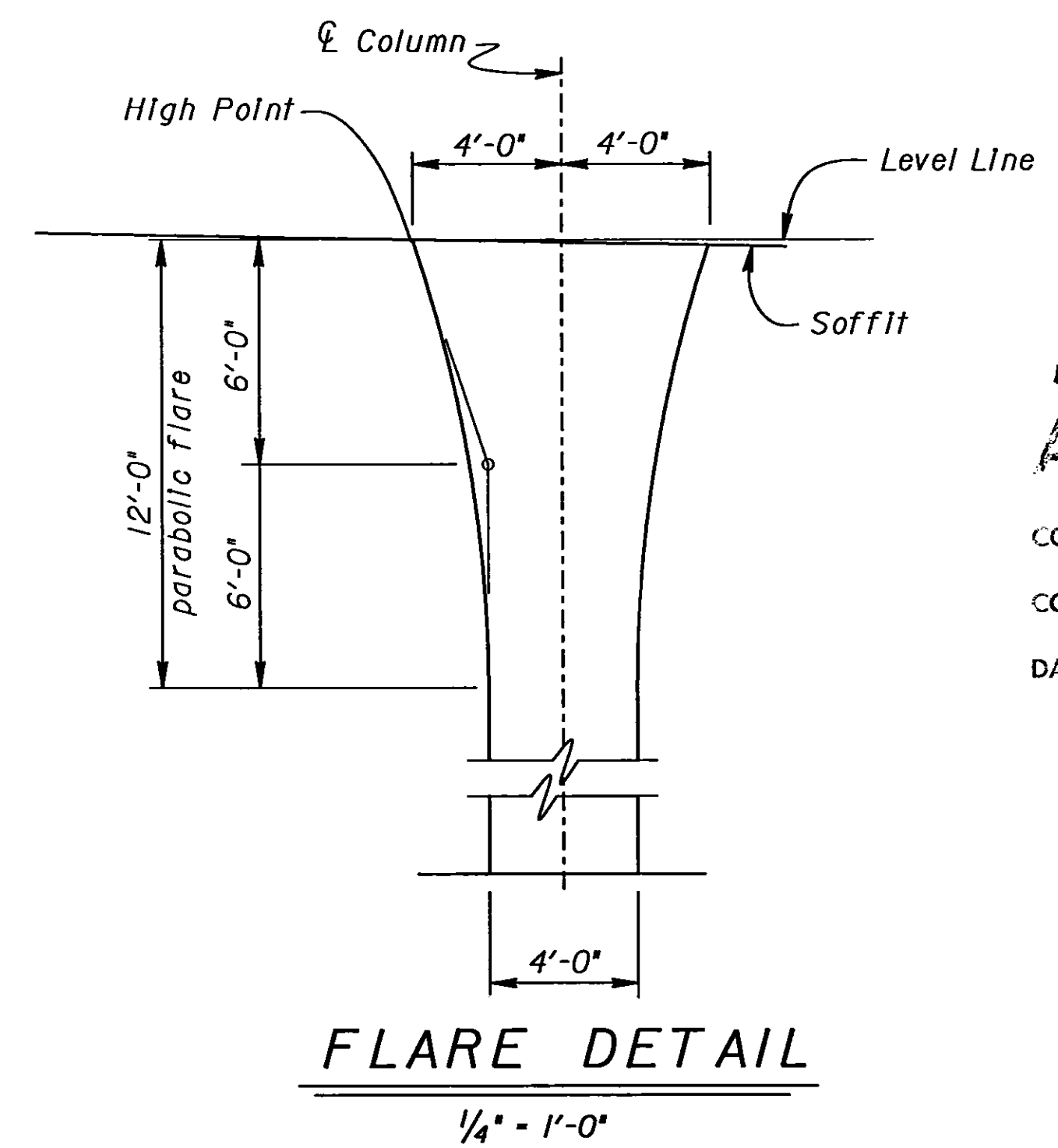
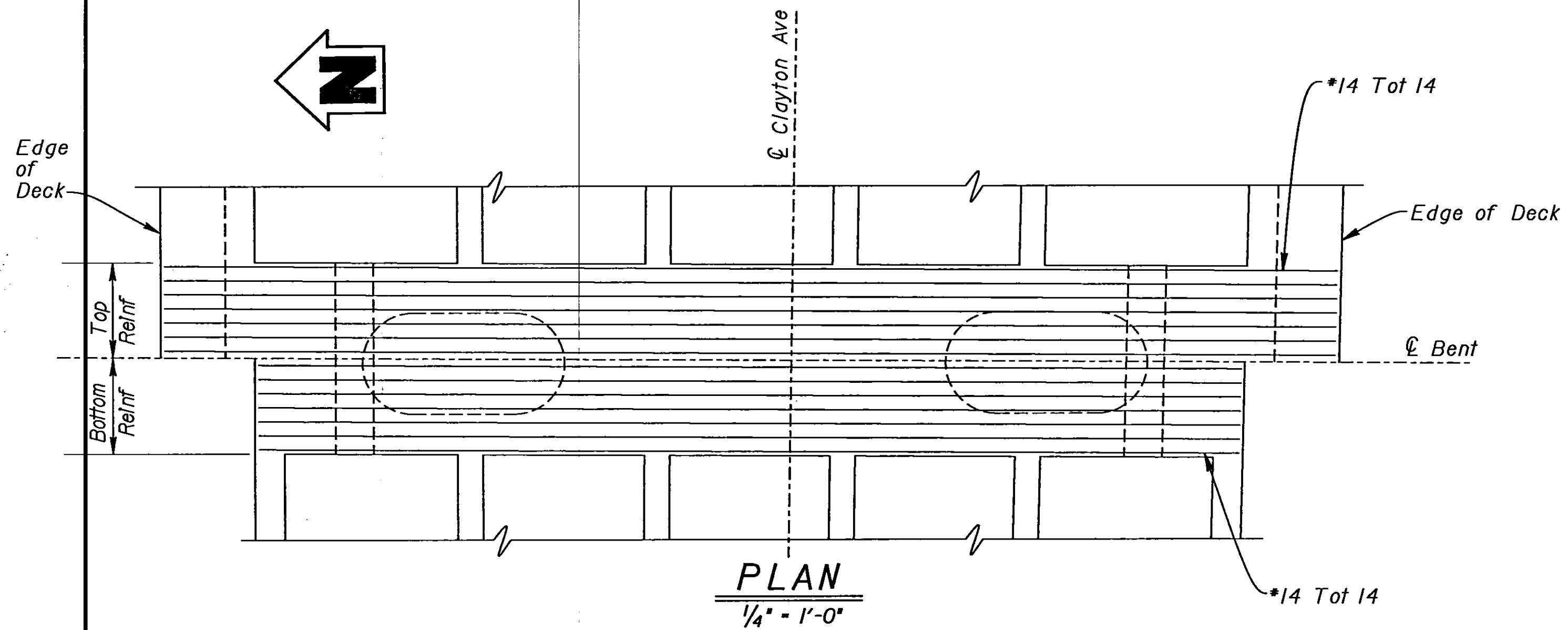
SHEET 11 OF 13

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fre	41	R12.1/R20.7	483	489

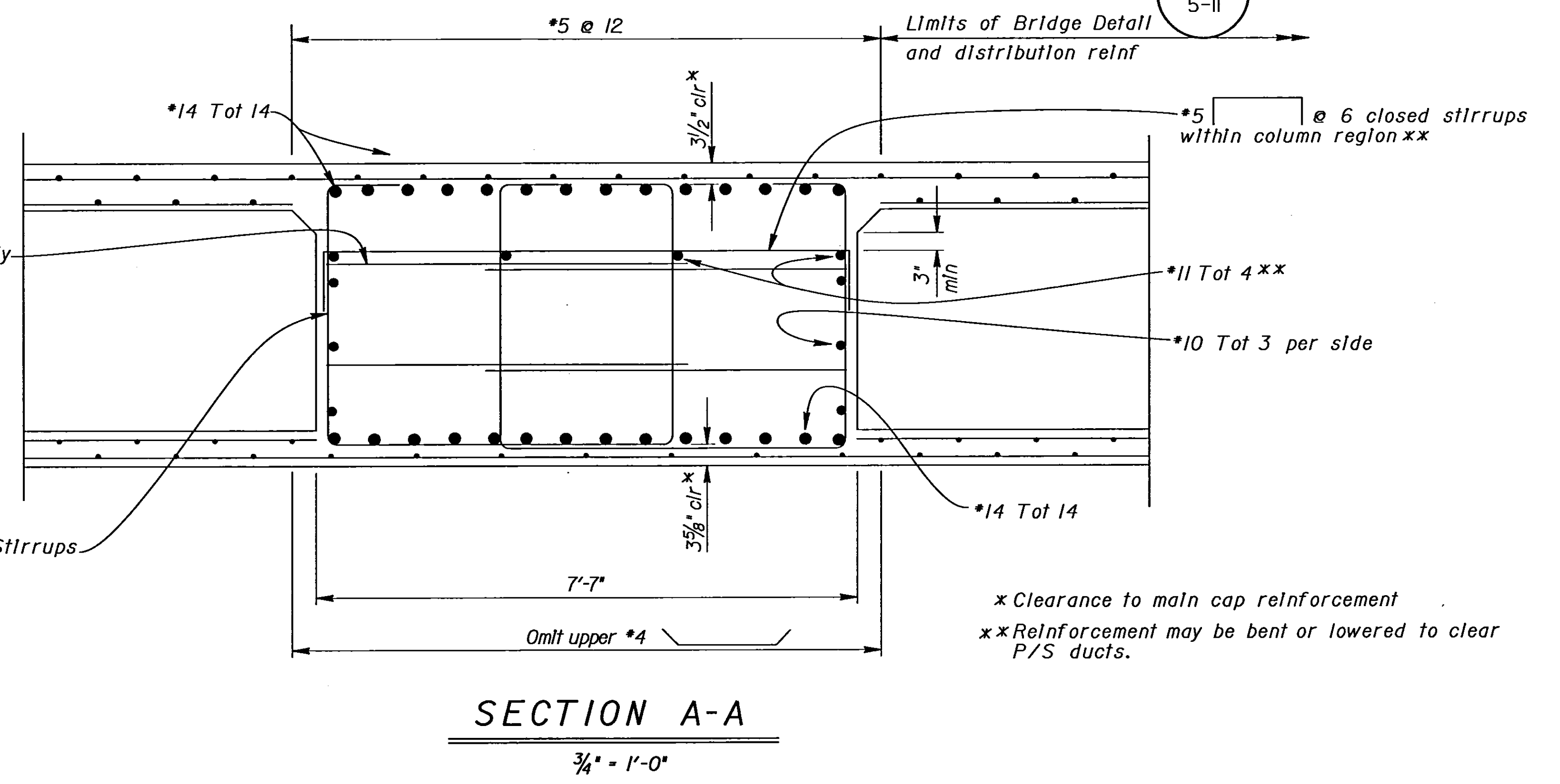
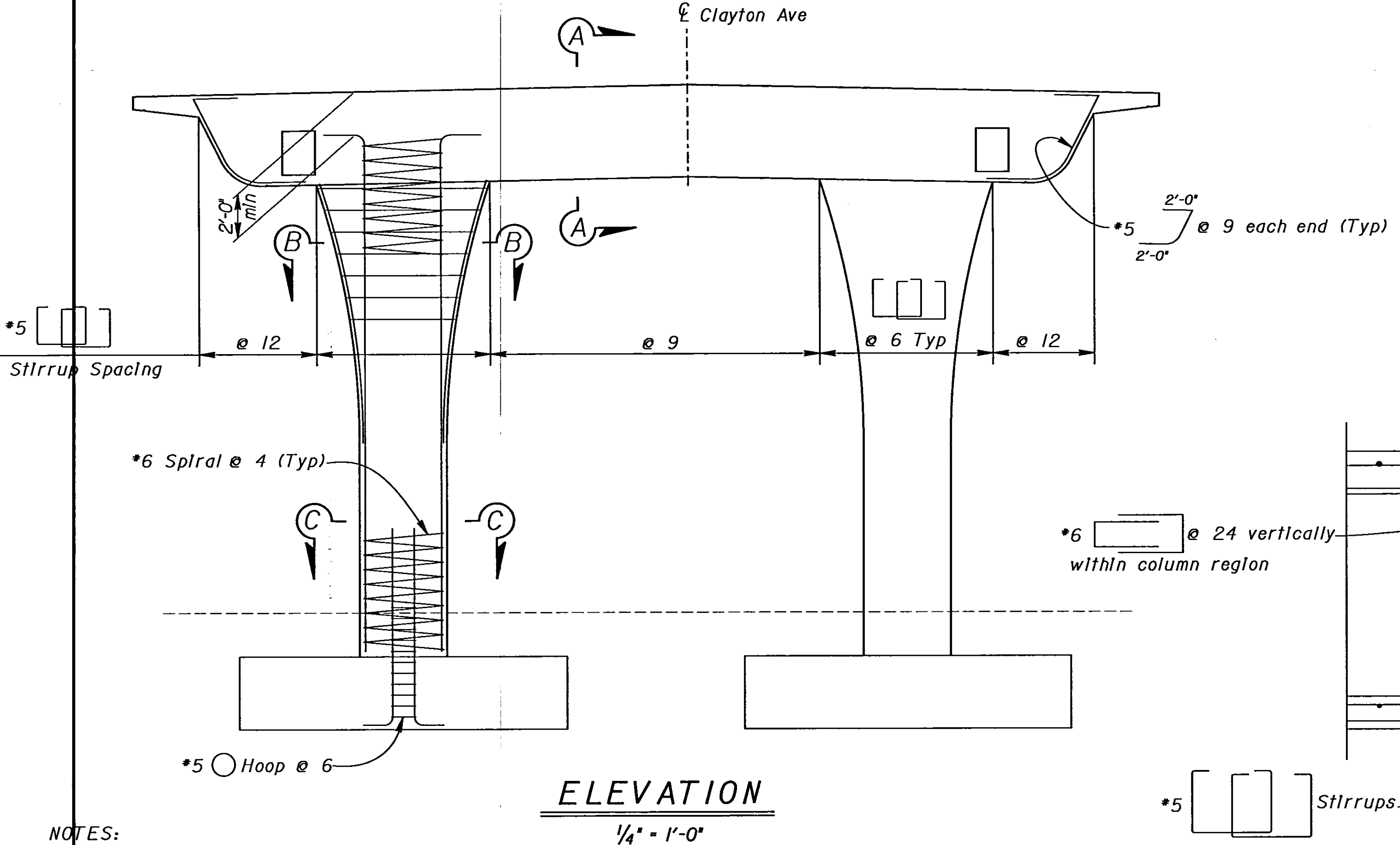
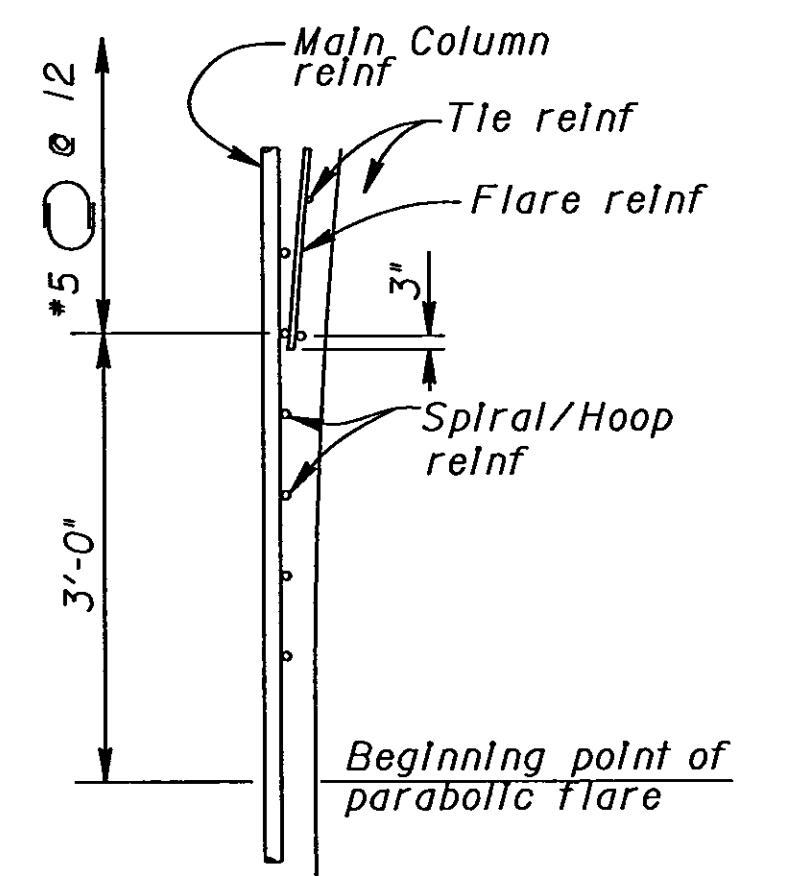
REGISTERED ENGINEER - CIVIL

1-27-97
PLANS APPROVAL DATE

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NO AS BUILT CORRECTIONS
AS BUILT N.Y. 7-22-99
CORRECTIONS BY DAVID VALLEJOS
CONTRACT NO. 06-342124
DATE 3-9-99



NOTES:
1. For Sections B-B and C-C, see "BENT DETAILS NO. 2" sheet.
2. No splices allowed in main column reinforcement.

* Clearance to main cap reinforcement
** Reinforcement may be bent or lowered to clear P/S ducts.

DS OSD 2139 (ADD 9/95)	DESIGN BY Pat Preston	CHECKED Overcomer Hor	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO. 42-152	CLAYTON AVENUE OVERCROSSING BENT DETAILS NO. 1	
	DETAILS BY Roberta Lim	CHECKED Overcomer Hor			POST MILE R16.6		
	QUANTITIES BY Pat Preston	CHECKED John Satter					
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				CU 06227 EA 342121	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 7 OF 13

DATE PLOTTED => \$DATE
USERNAME => \$USER
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